

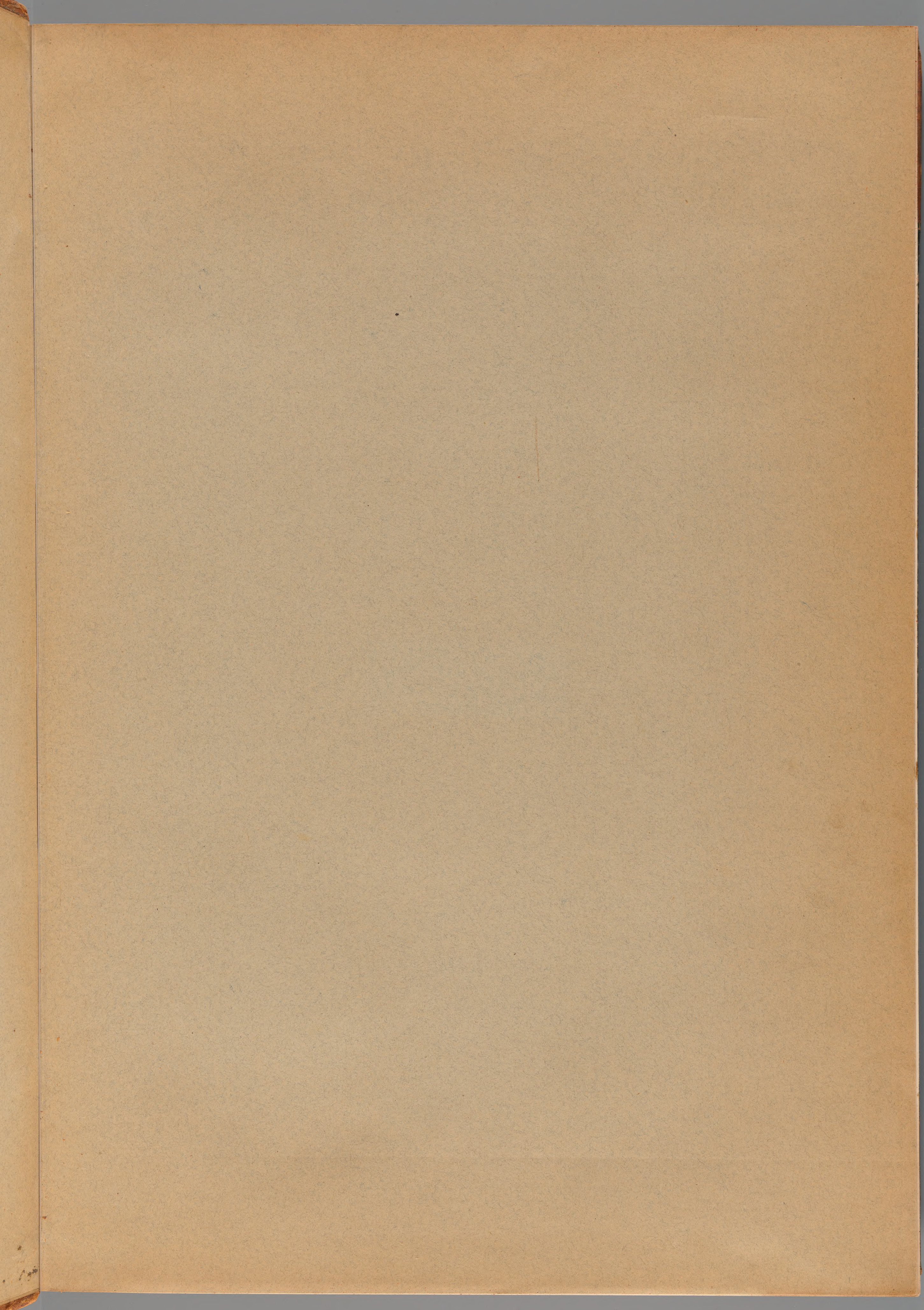


HARVARD UNIVERSITY HERBARIUM.

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PHYSIOTYPIA PLANTARUM AUSTRIACARUM.

D I E

# GEFÄSSPFLANZEN ÖSTERREICHS

IN NATURSELBSTDRUCK,

MIT BESONDERER BERÜCKSICHTIGUNG DER

NERVATION IN DEN FLÄCHENORGANEN DER PFLANZEN

VON

CONSTANTIN FREIHERRN VON ETTINGSHAUSEN UND ALOIS POKORNY.

DRITTER BAND.

TAB. 201—300.

BETULACEÆ. — URTICACEÆ. — SALICINEÆ. — CHENOPODEÆ. — POLYGONEÆ. — SANTALACEÆ. — DAPHNOIDEÆ. —  
ARISTOLOCHIEÆ. — PLANTAGINEÆ. — PLUMBAGINEÆ. — VALERIANEÆ. — DIPSACEÆ. — COMPOSITÆ. —  
CAMPANULACEÆ. — RUBIACEÆ. — LONICEREÆ. — APOCYNACEÆ. — GENTIANEÆ.



PRAG.

VERLAG VON F. TEMPSKY.

1873.



1891, March 21.

Botanic Garden.



## INHALT DES DRITTEN BANDES.

### JULIFLORAE.

#### BETULACEAE.

- Tab. 201. Fig. 1—2. *Betula alba* Linn.  
 „ 202. „ 1—3. *Alnus viridis* De Cand.

#### URTICACEAE.

- Tab. 203. *Urtica urens* Linn.  
 „ 204. *Urtica dioica* Linn.  
 „ 205. *Parietaria erecta* Linn.

#### SALICINEAE.

- Tab. 206. Fig. 1—4. *Salix purpurea* Linn.  
 „ 207. „ 1—4. *Salix daphnoides* Vill.  
 „ 208. „ 1—3. *Salix Caprea* Linn.  
 „ 209. „ 1—3. *Salix grandifolia* Ser.  
 „ 210. „ 1—4. *Salix reticulata* Linn.  
 „ 211. „ 1—3. *Populus tremula* Linn.

### OLERACEAE.

#### CHENOPODEAE.

- Tab. 212. Fig. 1—4. *Salicornia herbacea* Linn.  
 „ 5—7. *Salicornia fruticosa* Linn.  
 „ 213. *Chenopodium Bonus Henricus* Linn.  
 „ 214. *Atriplex rosea* Linn.

#### POLYGONEAE.

- Tab. 215. Fig. 1—4. *Polygonum Bistorta* Linn.  
 „ 216. „ 1—5. *Polygonum viviparum* Linn.  
 „ 217. *Rumex obtusifolius* Linn.  
 „ 218. *Rumex alpinus* Linn.  
 „ 219. „ 1—3. *Rumex Acetosa* Linn.  
 „ 220. „ 1—3. *Rumex Acetosella* Linn.  
 „ 4—5. *Rumex scutatus* Linn.

### THYMELAEAE.

#### SANTALACEAE.

- Tab. 221. Fig. 1—3. *Thesium alpinum* Linn.

#### DAPHNOIDEAE.

- Tab. 222. Fig. 1—3. *Daphne Mezereum* Linn.

### SERPENTARIAE.

#### ARISTOLOCHIEAE.

- Tab. 223. Fig. 1—2. *Asarum europaeum* Linn.

### PLUMBAGINES.

#### PLANTAGINEAE.

- Tab. 224. Fig. 1—3. *Plantago major* Linn.  
 „ 225. *Plantago lanceolata* Linn.

#### PLUMBAGINEAE.

- Tab. 226. *Statice Limonium* Linn.  
 „ 227. Fig. 1—3. *Statice furfuracea* Rehb.

### AGGREGATAE.

#### VALERIANEAE.

- Tab. 228. Fig. 1—4. *Valerianella olitoria* Poll.  
 „ 229. „ 1—3. *Valerianella dentata* Poll.  
 „ 4—6. *Valerianella coronata* De Cand.  
 „ 230. *Valeriana officinalis* Linn. γ. *sambucifolia*.  
 „ 231. „ 1—3. *Valeriana dioica* Linn.  
 „ 232. „ 1—2. *Valeriana tripteris* Linn.  
 „ 233. „ 1—3. *Valeriana saxatilis* Linn.  
 „ 234. „ 1—3. *Valeriana elongata* Jacq.  
 „ 4—5. *Valeriana supina* Linn.  
 „ 6—9. *Valeriana celtica* Linn.

#### DIPSACEAE.

- Tab. 235. Fig. 1—4. *Knautia sylvatica* Dub.  
 „ 236. „ 1—2. *Knautia arvensis* Coult.  
 „ 237. „ 1—3. *Succisa pratensis* Mönch.  
 „ 238. „ 1—3. *Succisa australis* Reichb.  
 „ 239. „ 1—3. *Scabiosa lucida* Vill.  
 „ 240. „ 1—2. *Scabiosa columbaria* Linn.  
 „ 241. „ 1—2. *Scabiosa ochroleuca* Linn.

#### COMPOSITAE.

- Tab. 242. *Adenostyles alpina* Bl. et F.  
 „ 243. „ 1—3. *Petasites officinalis* Mönch.  
 „ 244. „ 1—4. *Petasites albus* Gärtn.  
 „ 245. „ 1—3. *Tussilago Farfara* Linn.



- Tab. 246. Fig. 1—4. *Bellidiastrum Michellii* Cass.  
 " 247. " 1—2. *Erigeron canadensis* Linn.  
 " 248. " 1—3. *Erigeron alpinus* Linn.  
 " 4—6. *Erigeron uniflorus* Linn.  
 " 249. " 1—2. *Pulicaria dysenterica* Gärtn.  
 " 250. " 1—3. *Achillea tanacetifolia* All.  
 " 251. " 1—3. *Arnica montana* Linn.  
 " 252. " 1—3. *Doronicum austriacum* Jacq.  
 " 253. " 1—3. *Doronicum Nendtvichii* Sadl.  
 " 254. " 1—4. *Aronicum Clusii* Koch.  
 " 255. " 1—3. *Cineraria crispa* Jacq.  $\beta$ . *rivularis*.  
 " 256. " 1—3. *Cineraria longifolia* Jacq.  
 " 257. " 1—3. *Ligularia sibirica* Cass.  
 " 258. " 1—3. *Senecio vulgaris* Linn.  
 " 259. " 1—2. *Senecio rupestris* W. K.  
 " 260. " 1. *Senecio nemorensis* Linn.  
 " 2. Var.  $\delta$ . *Fuchsii* Koch.  
 " 261. " 1—3. *Centaurea phrygia* Linn.  
 " 262. " 1. *Centaurea montana* Linn.  
 " 2. *Centaurea axillaris* Willd.  
 " 263. " 1—3. *Centaurea Cyanus* Linn.  
 " 264. " 1—6. *Centaurea solstitialis* Linn.  
 " 265. " 1—2. *Cirsium lanceolatum* Scop.  
 " 266. " 1—4. *Cirsium canum* M. B.  
 " 267. " 1—3. *Cirsium rivulare* Link.  
 " 268. " 1—5. *Carduus acanthoides* Linn.  
 " 269. " 1—4. *Carduus Personata* Jacq.  
 " 270. " 1—3. *Scorzonera austriaca* Willd.  
 " 271. " 1—3. *Scorzonera humilis* Linn.  
 " 272. " 1—2. *Lactuca muralis* Don.  
 " 273. " 1—3. *Prenanthes purpurea* Linn.  
 " 274. " 1—2. *Sonchus arvensis* Linn.  
 " 275. " 1—3. *Crepis praemorsa* Tausch.  
 " 276. " 1—3. *Crepis alpestris* Tausch.  
 " 277. " 1—4. *Hieracium Auricula* Linn.  
 " 278. " 1—4. *Hieracium chondrilloides* Linn.  
 " 279. " 1—3. *Hieracium villosum* Linn.  
 " 280. " 1—3. *Hieracium Jacquini* Vill.  
 " 281. " 1—3. *Hieracium sabaudum* Linn.

## CAMPANULINAE.

### CAMPANULACEAE.

- Tab. 282. Fig. 1—3. *Phyteuma spicatum* Linn.  
 " 283. " 1—3. *Phyteuma orbiculare* Linn.  
 " 284. *Campanula pusilla* Haenke.  
 " 285. *Campanula Scheuchzeri* Vill.  
 " 286. " 1—2. *Campanula barbata* Linn.  
 " 287. " 1—3. *Campanula bononiensis* Linn.

## CAPRIFOLIACEAE.

### RUBIACEAE.

- Tab. 288. Fig. 1—2. *Galium rotundifolium* Linn.  
 " 289. " 1—2. *Galium sylvaticum* Linn.  
 " 290. " 1—3. *Galium verum* Linn.  
 " 291. " 1—3. *Galium Mollugo* Linn.  
 " 292. " 1—2. *Asperula taurina* Linn.

### LONICEREAE.

- Tab. 293. *Lonicera Xylosteum* Linn.  
 " 294. *Lonicera alpigena* Linn.  
 " 295. Fig. 1—2. *Viburnum Lantana* Linn.  
 " 296. *Viburnum Opulus* Linn.  
 " 297. " 1—2. *Sambucus nigra* Linn.  
 " 298. " 1—3. *Linnaea borealis* Linn.

## CONTORTAE.

### APOCYNACEAE.

- Tab. 299. Fig. 1—2. *Vinca herbacea* W. K.

### GENTIANAEAE.

- Tab. 300. Fig. 1—3. *Chlora perfoliata* Linn.





Fig. 1—2. *Betula alba* Linn.



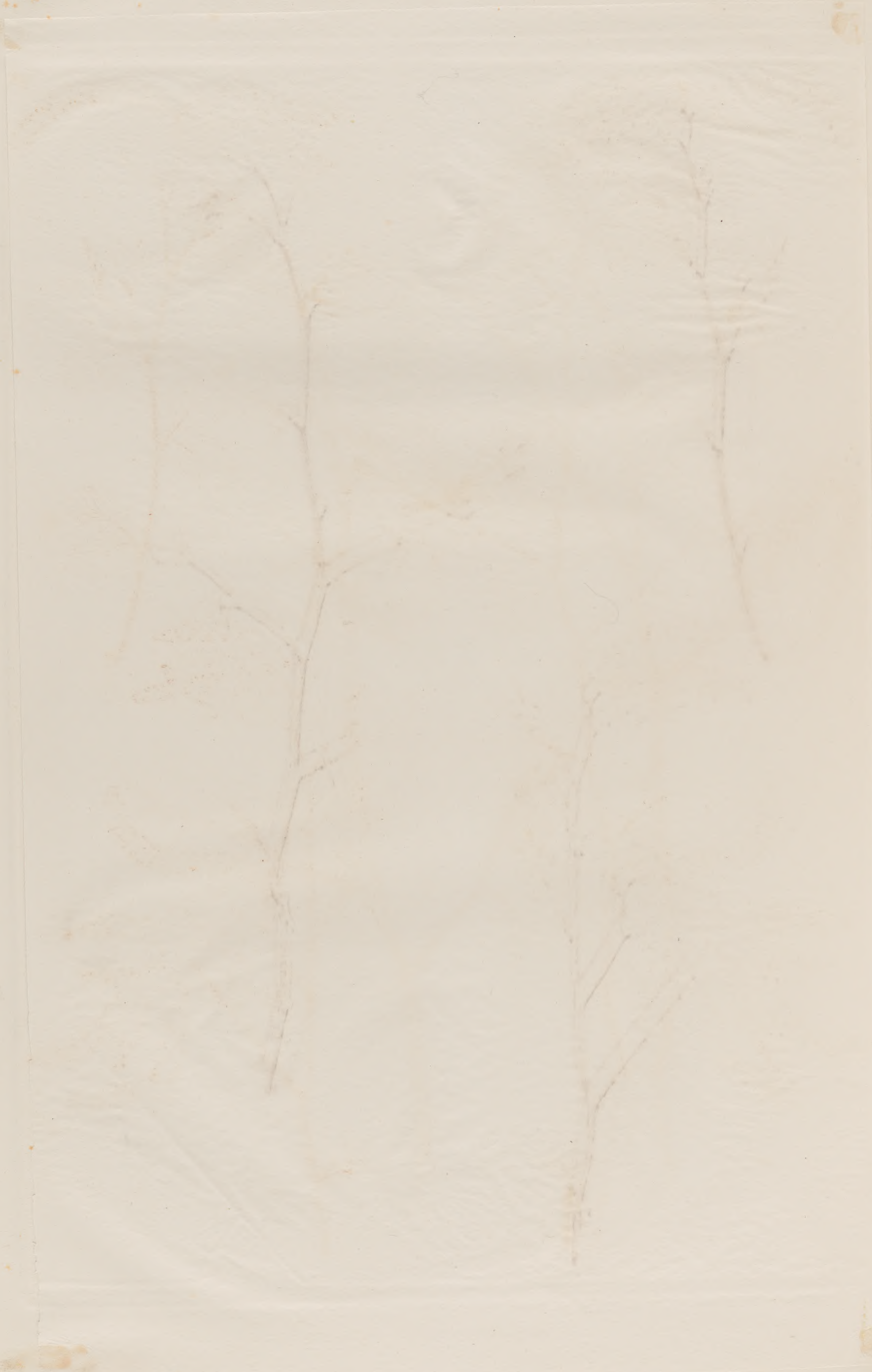
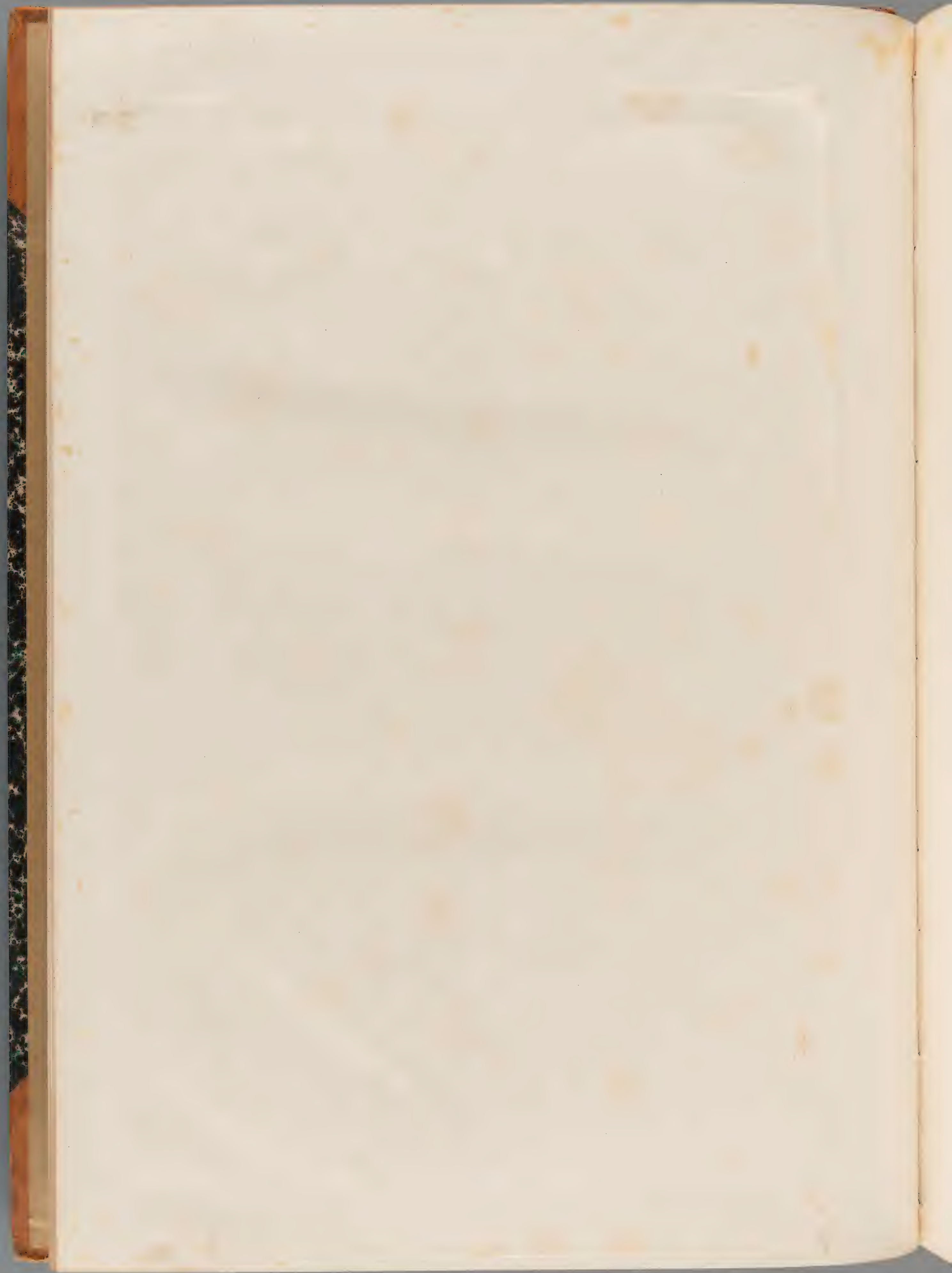




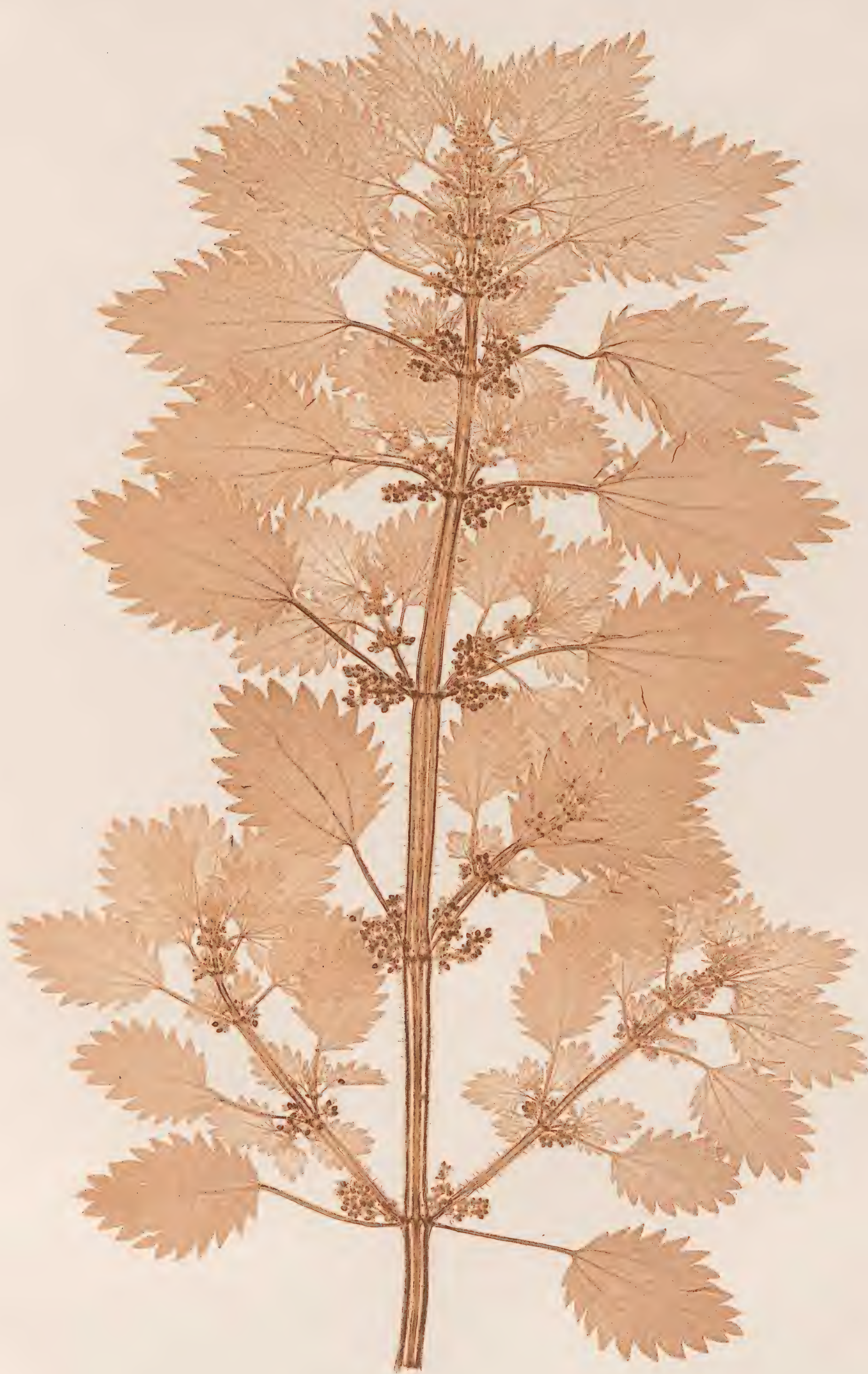


Fig. 1—3. *Alnus viridis* De Cand.



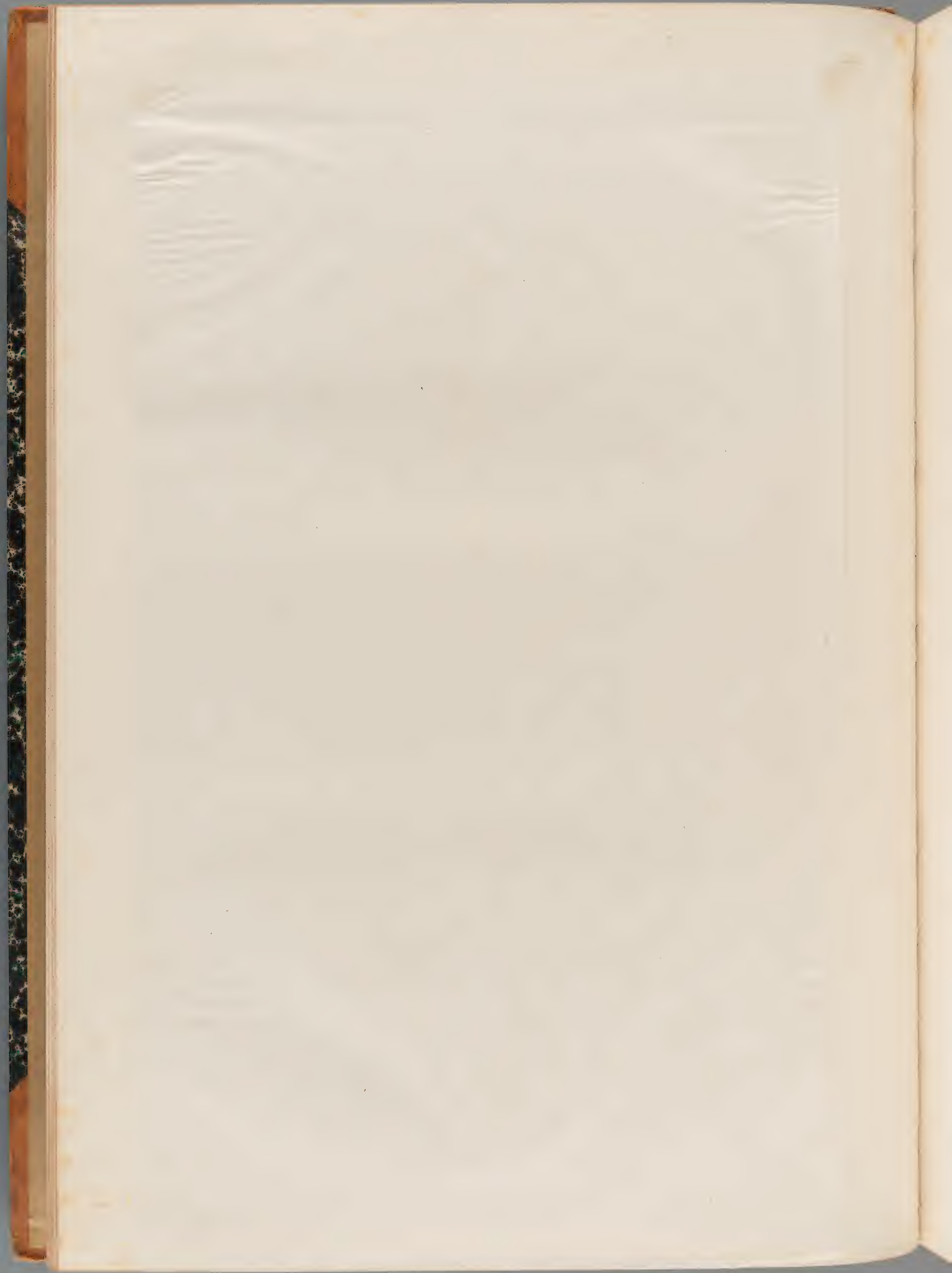






*Urtica urens* Linn.



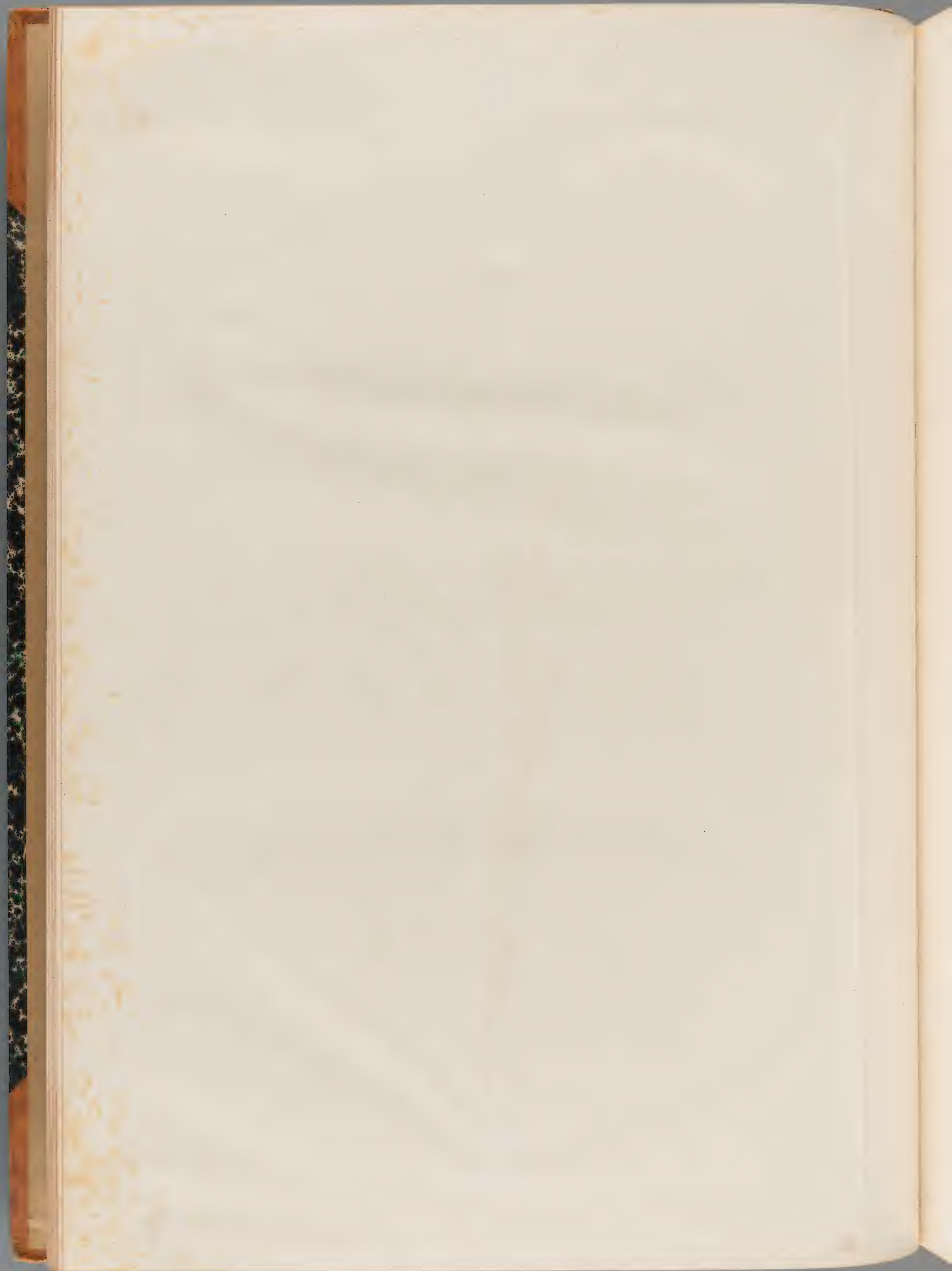






*Urtica dioica* Linn.









*Parietaria erecta* Linn.



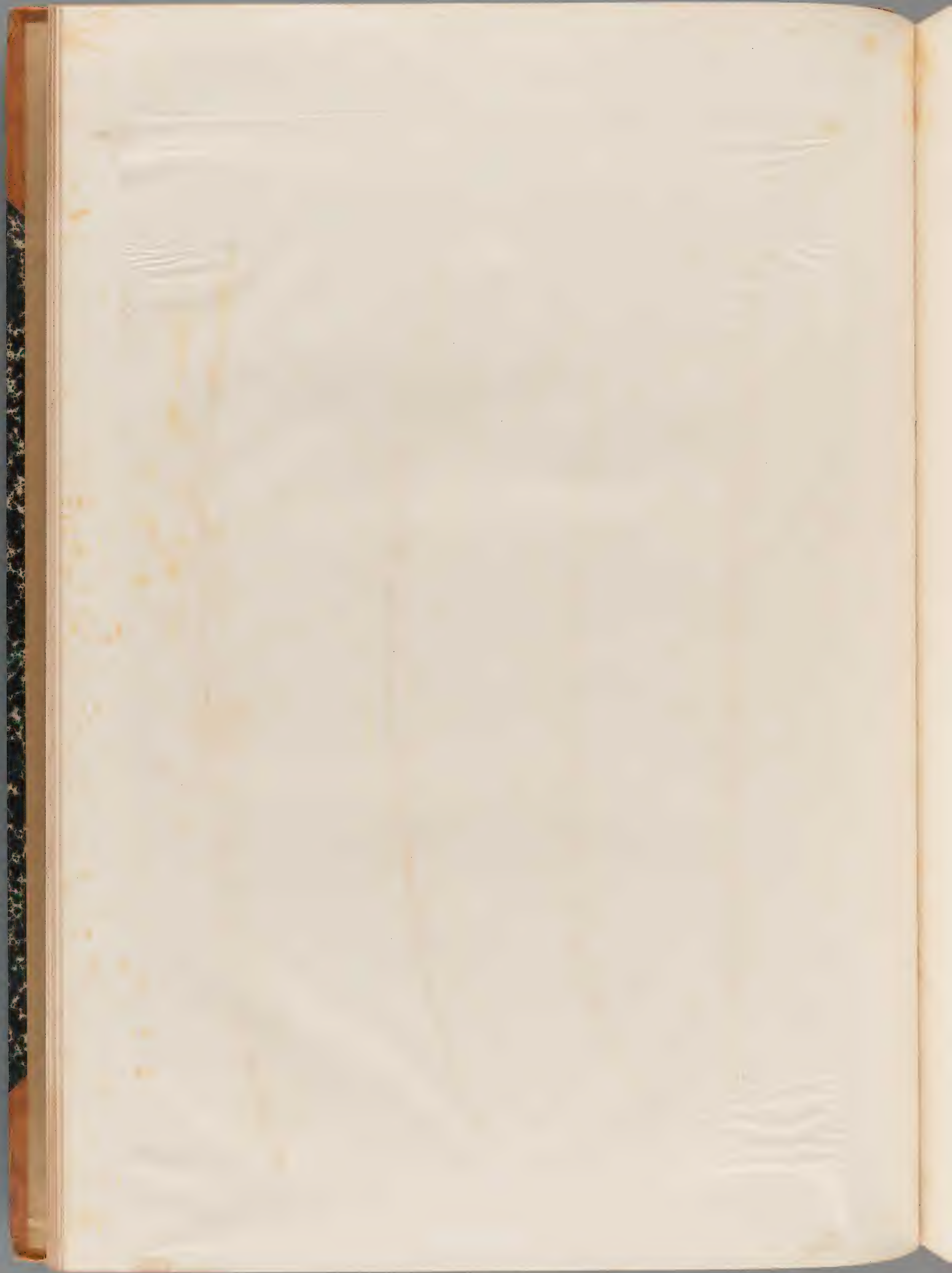






Fig. 1—4. *Salix purpurea* Linn.



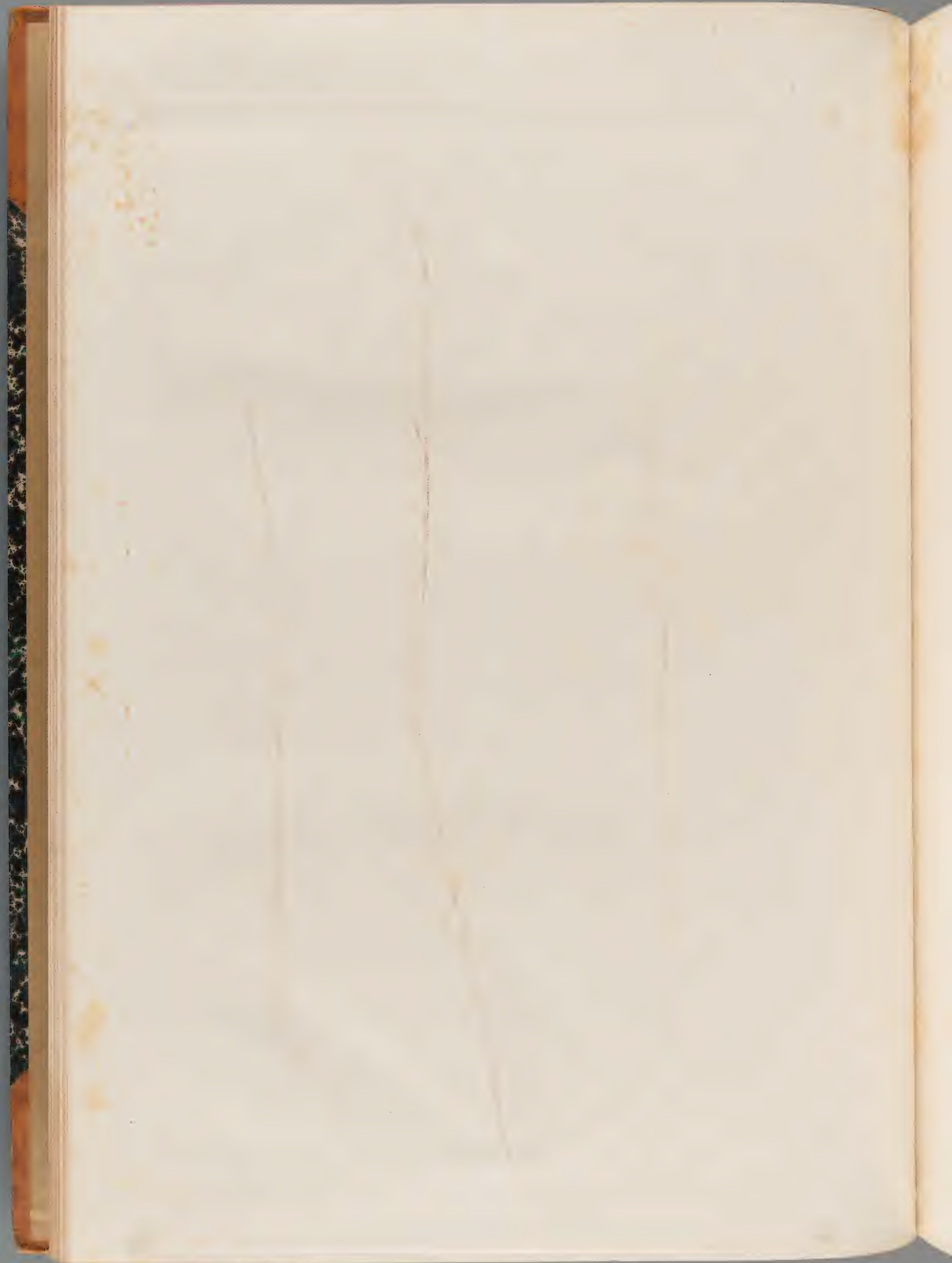






Fig. 1—4. *Salix daphnoides* Vill.



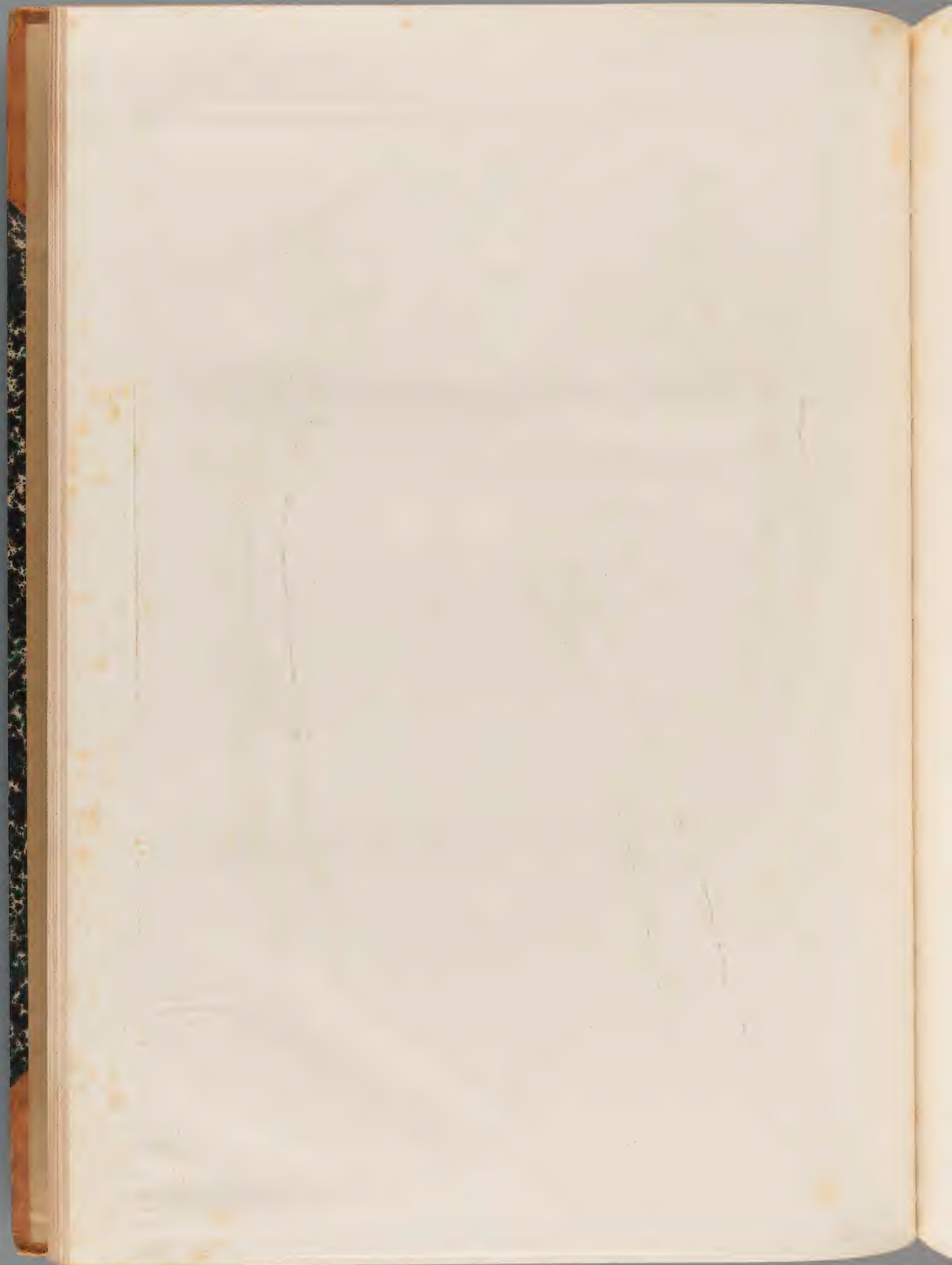






Fig. 1—3. *Salix Caprea* Linn.



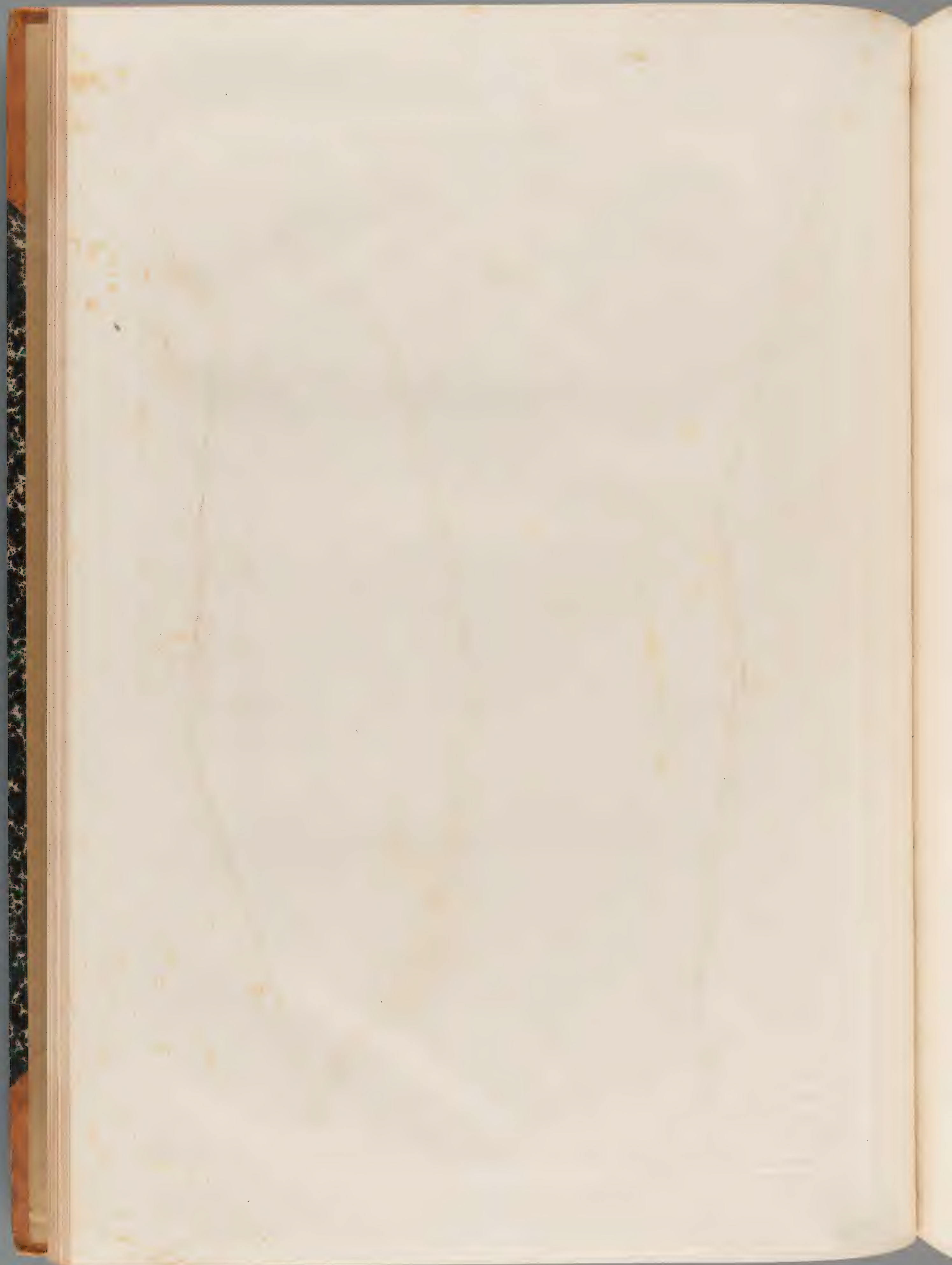






Fig. 1—3. *Salix grandifolia* Ser.



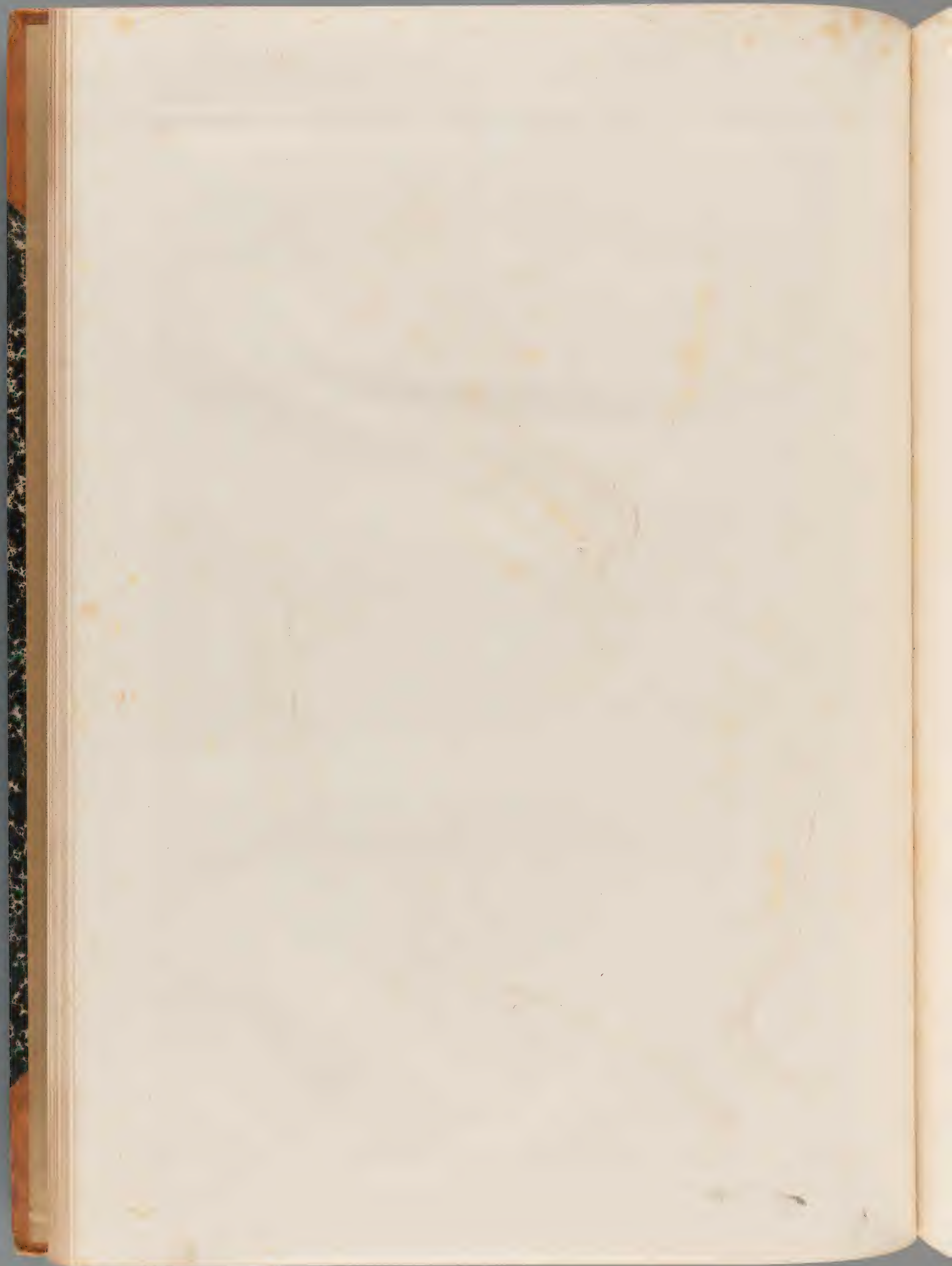






Fig. 1—4. *Salix reticulata* Linn.



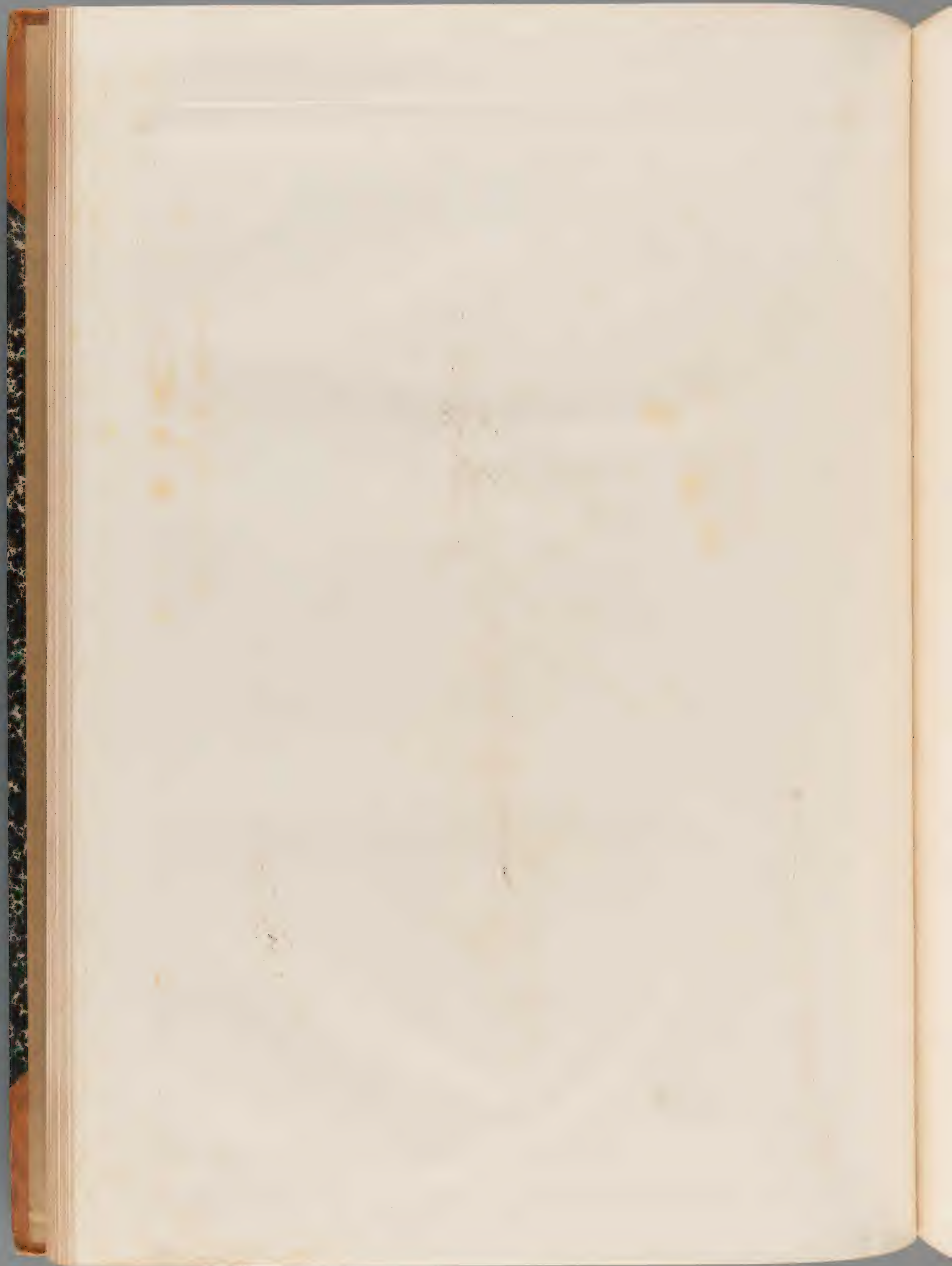






Fig. 1—3. *Populus tremula* Linn.







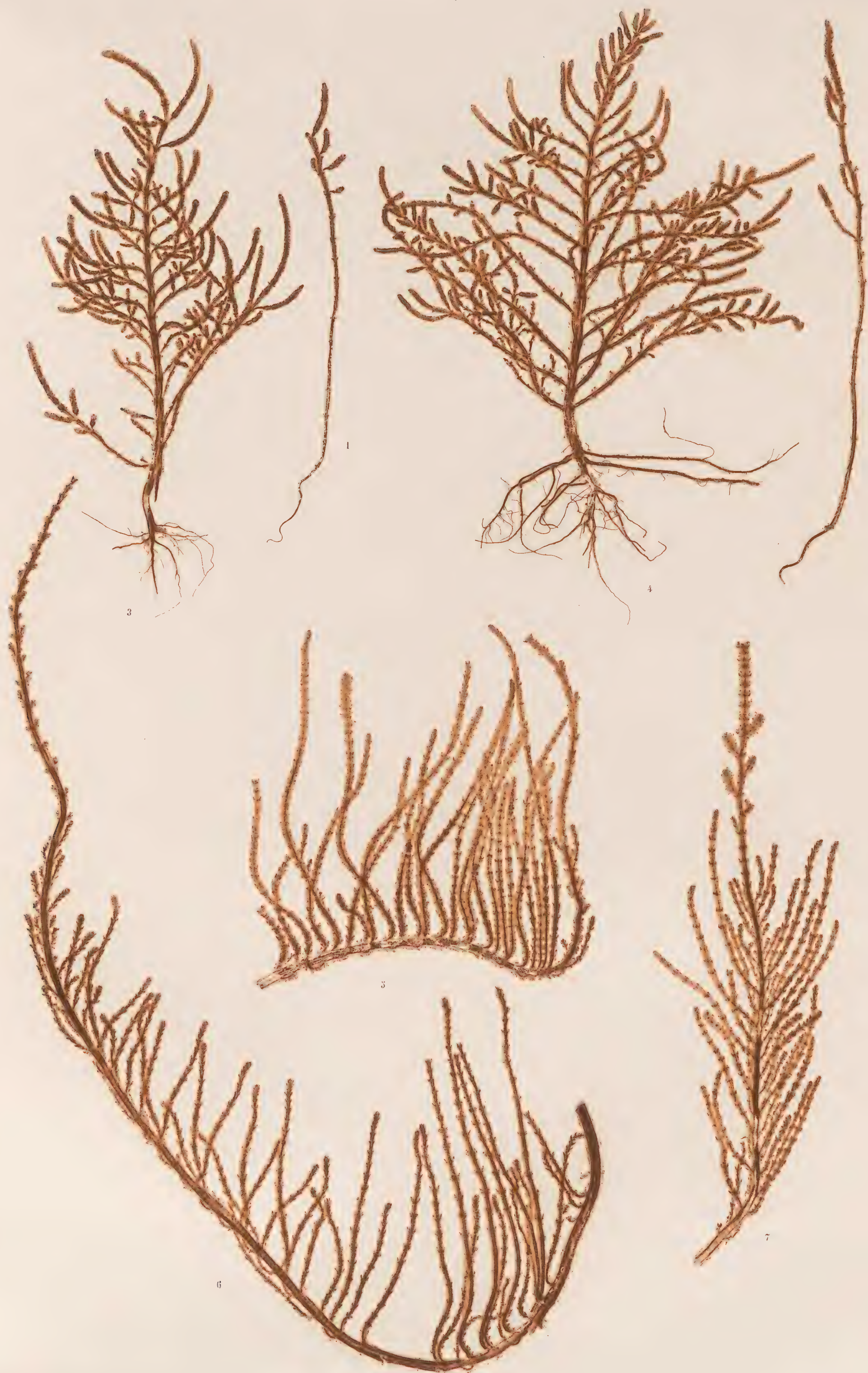
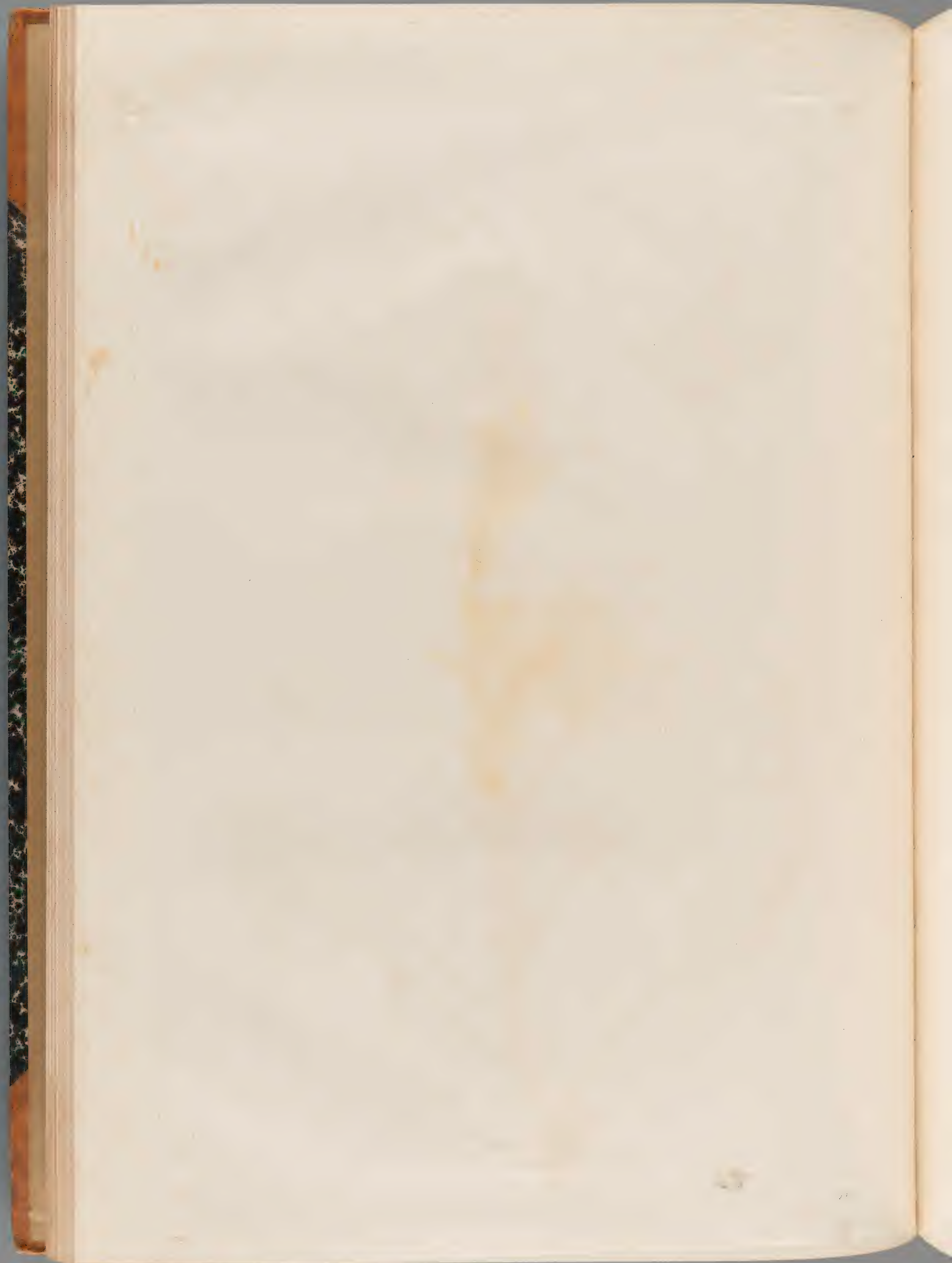


Fig. 1—4. *Salicornia herbacea* Linn. Fig. 5—7. *S. fruticosa* Linn.



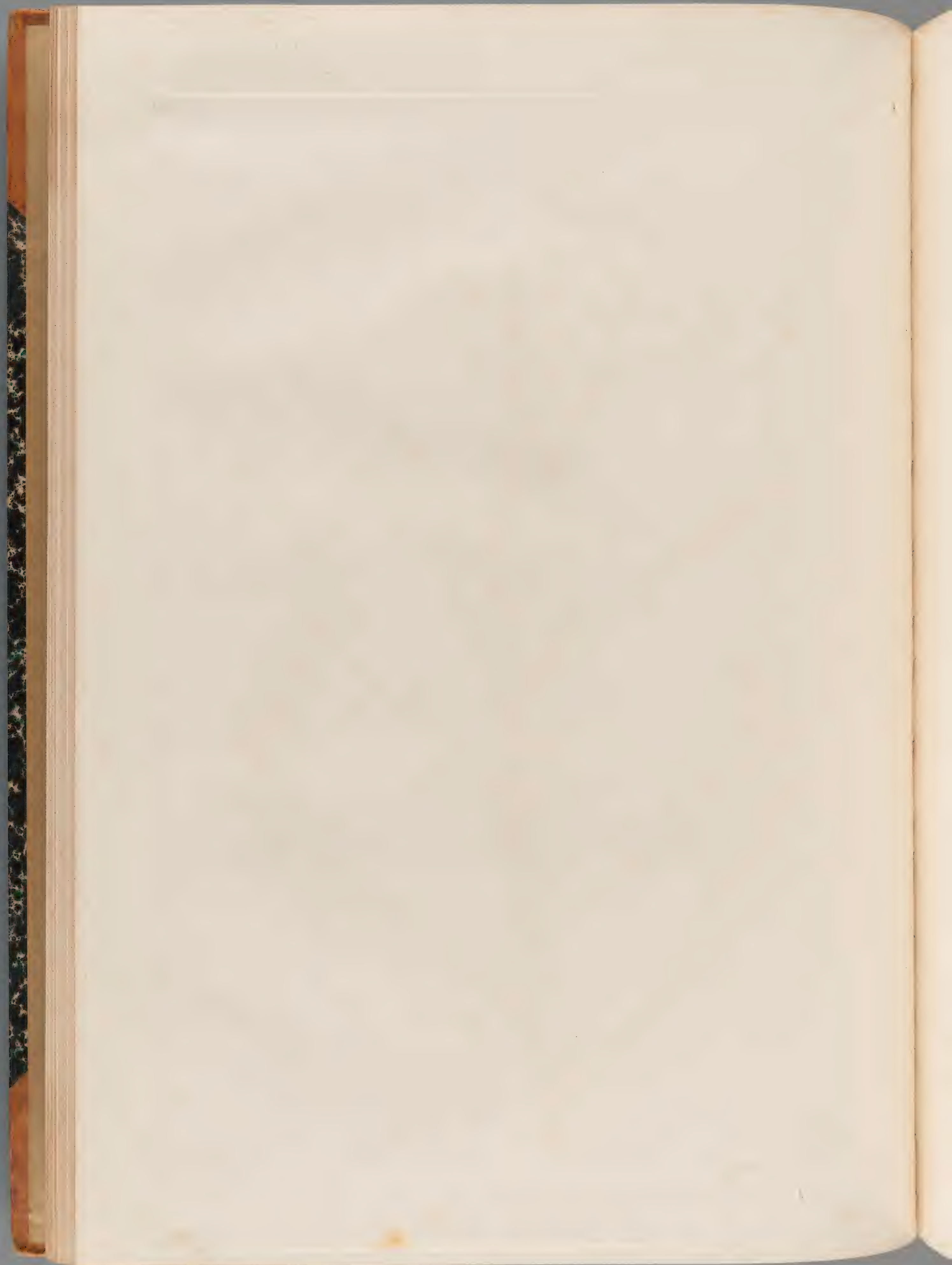






*Chenopodium Bonus Henricus* Linn.









*Atriplex rosea* Linn.



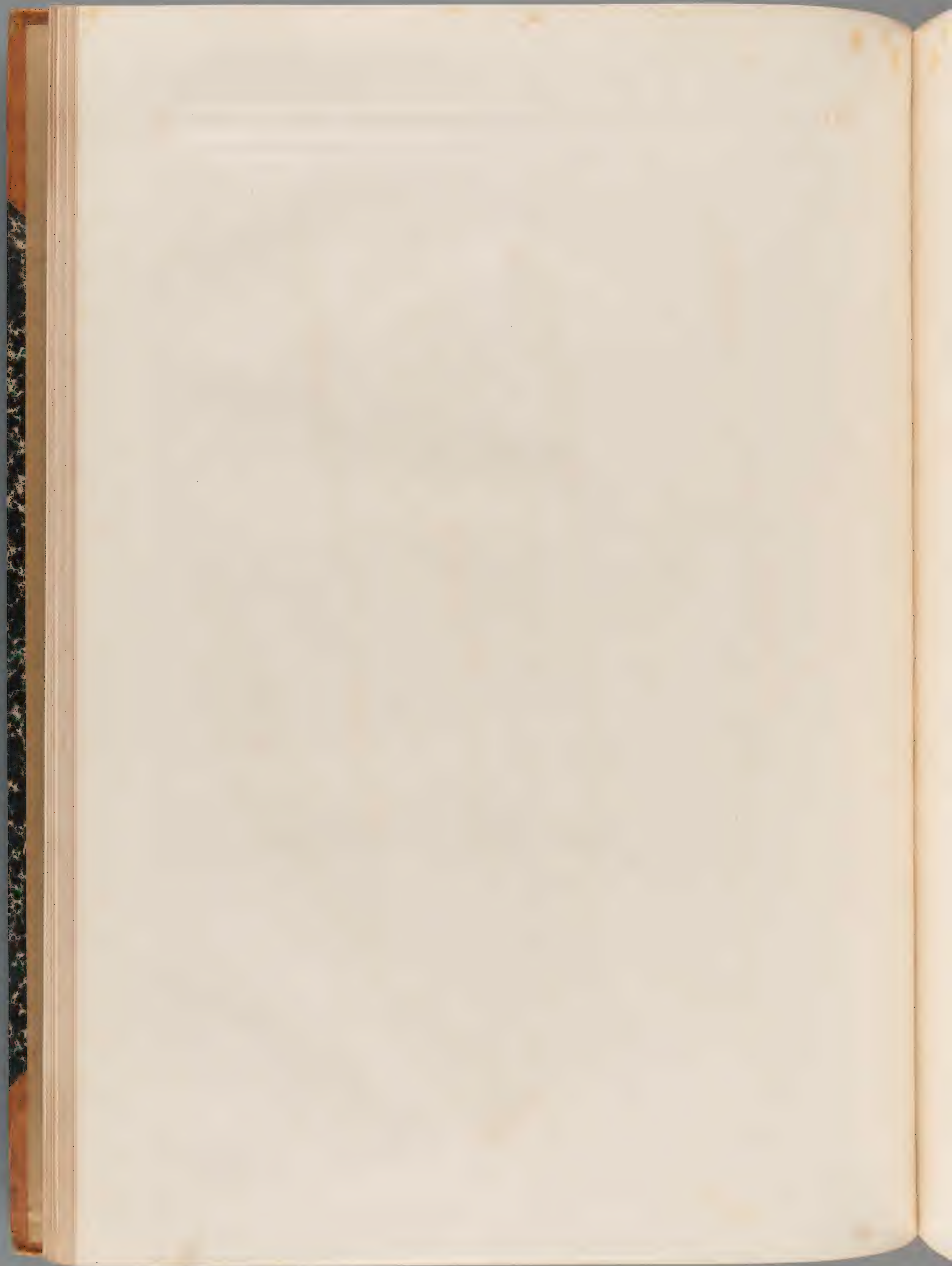






Fig. 1—4. *Polygonum bistorta* Linn.



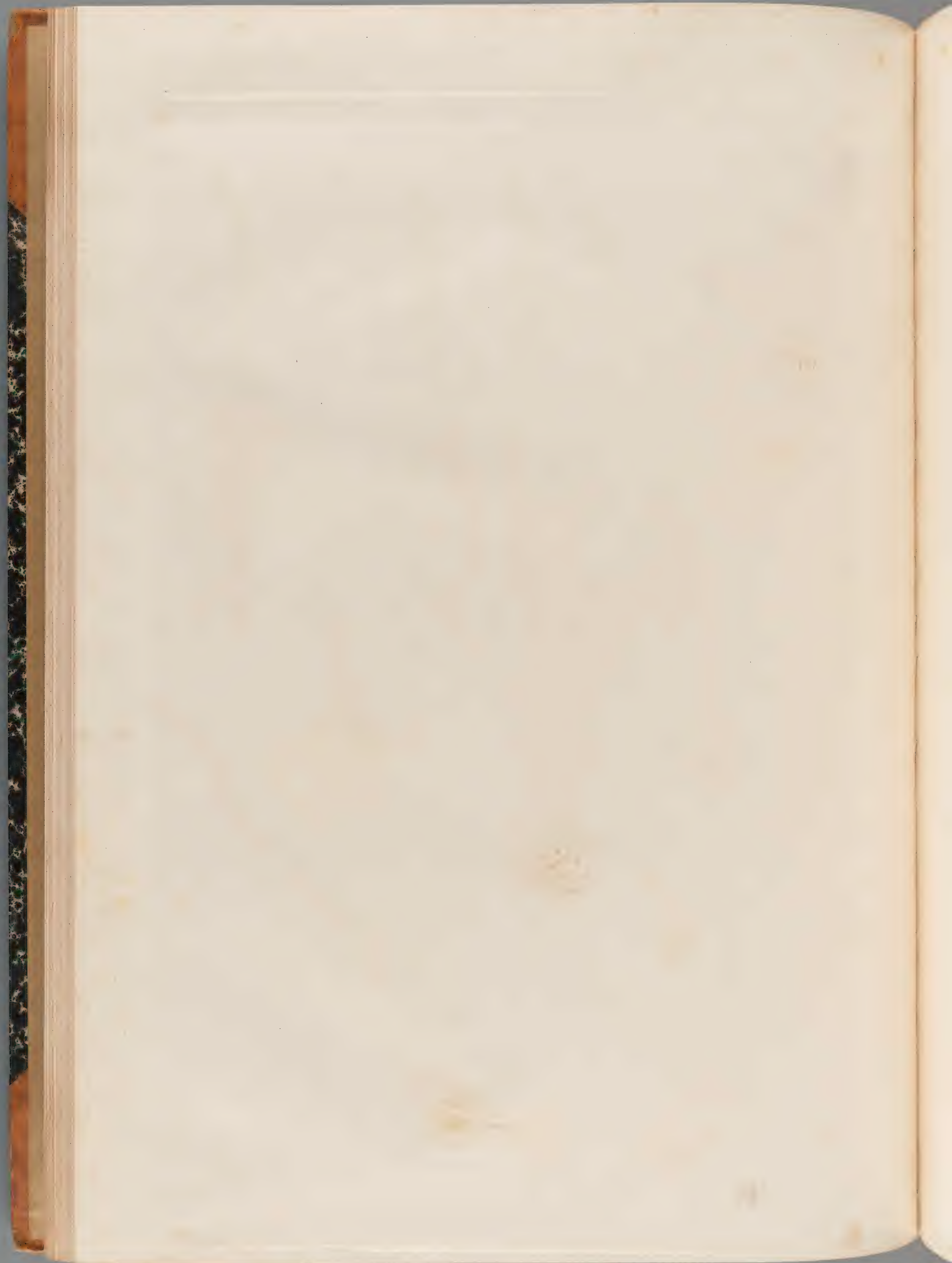
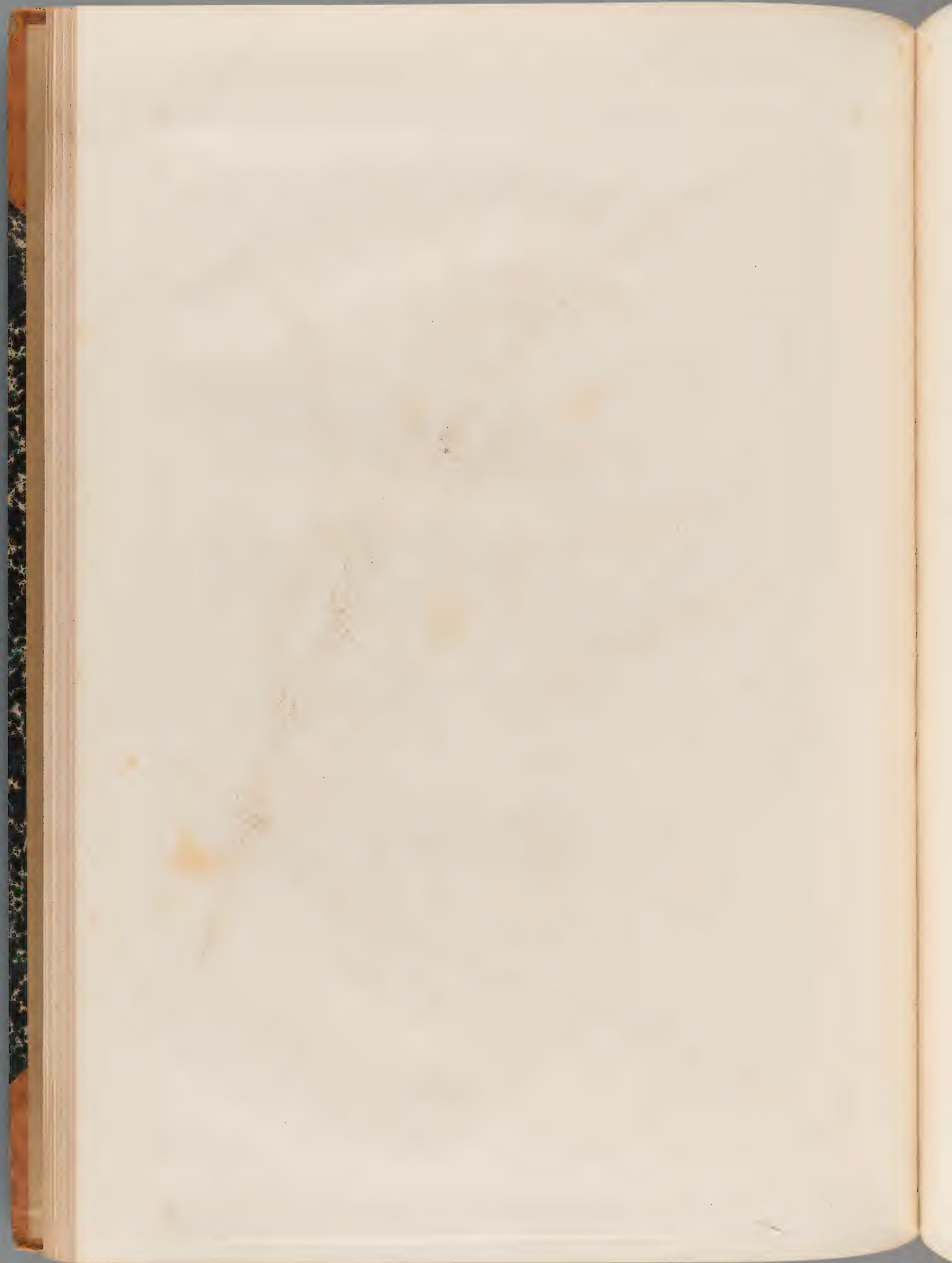






Fig. 1—5. *Polygonum viviparum* Linn.



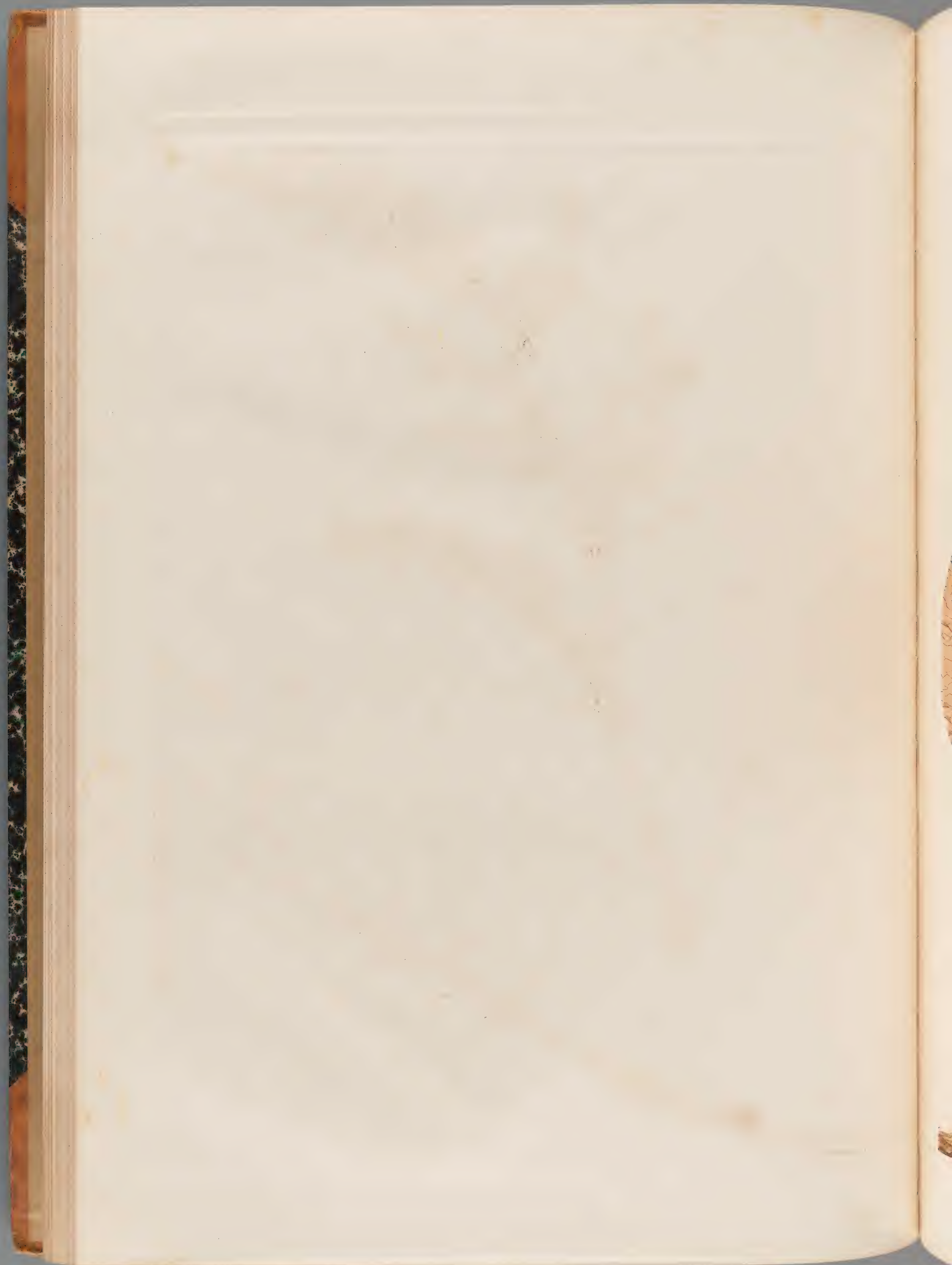






*Rumex obtusifolius* Linn.









*Rumex alpinus* Linn.



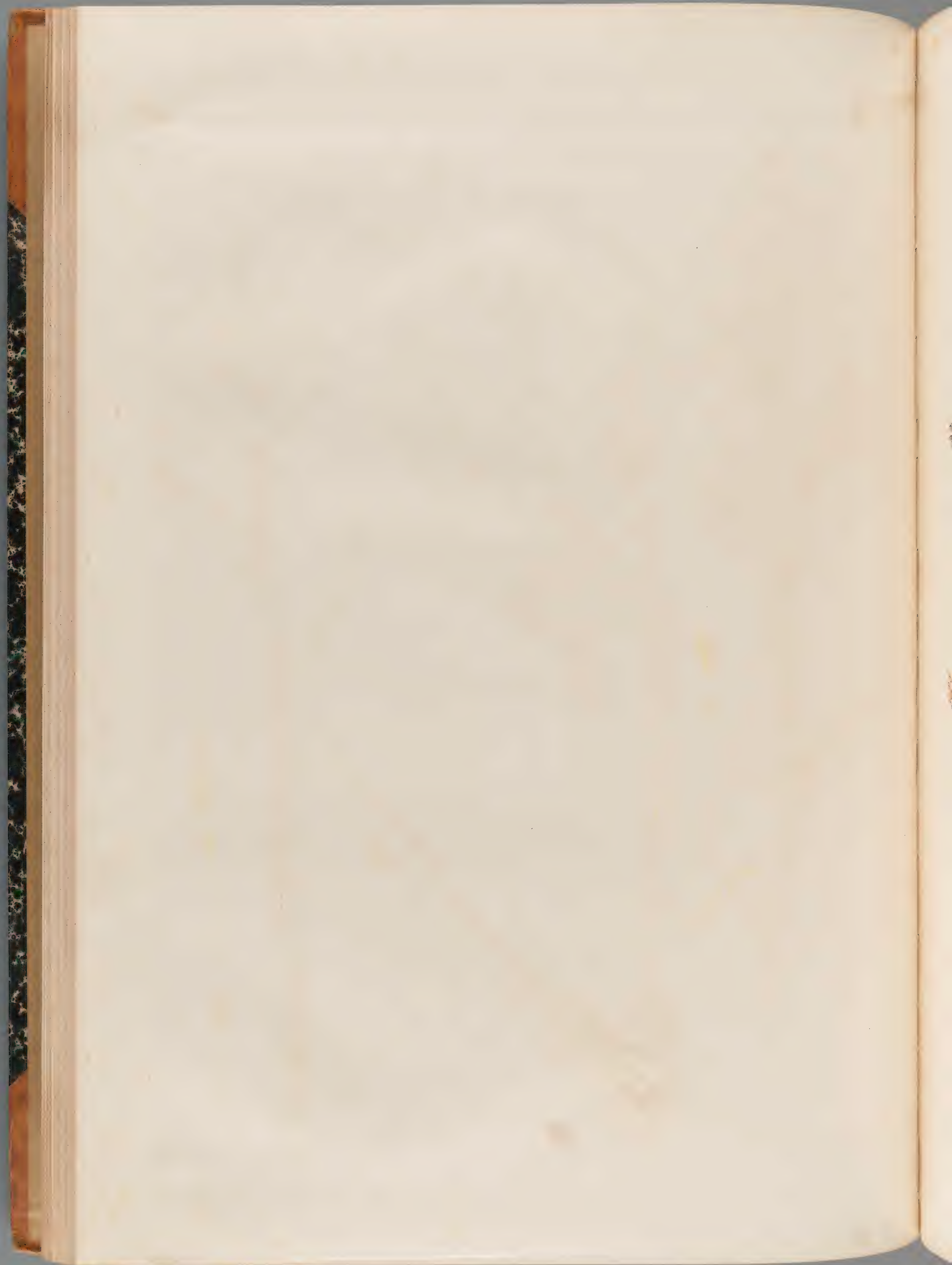






Fig. 1—3. *Rumex Acetosa* Linn.



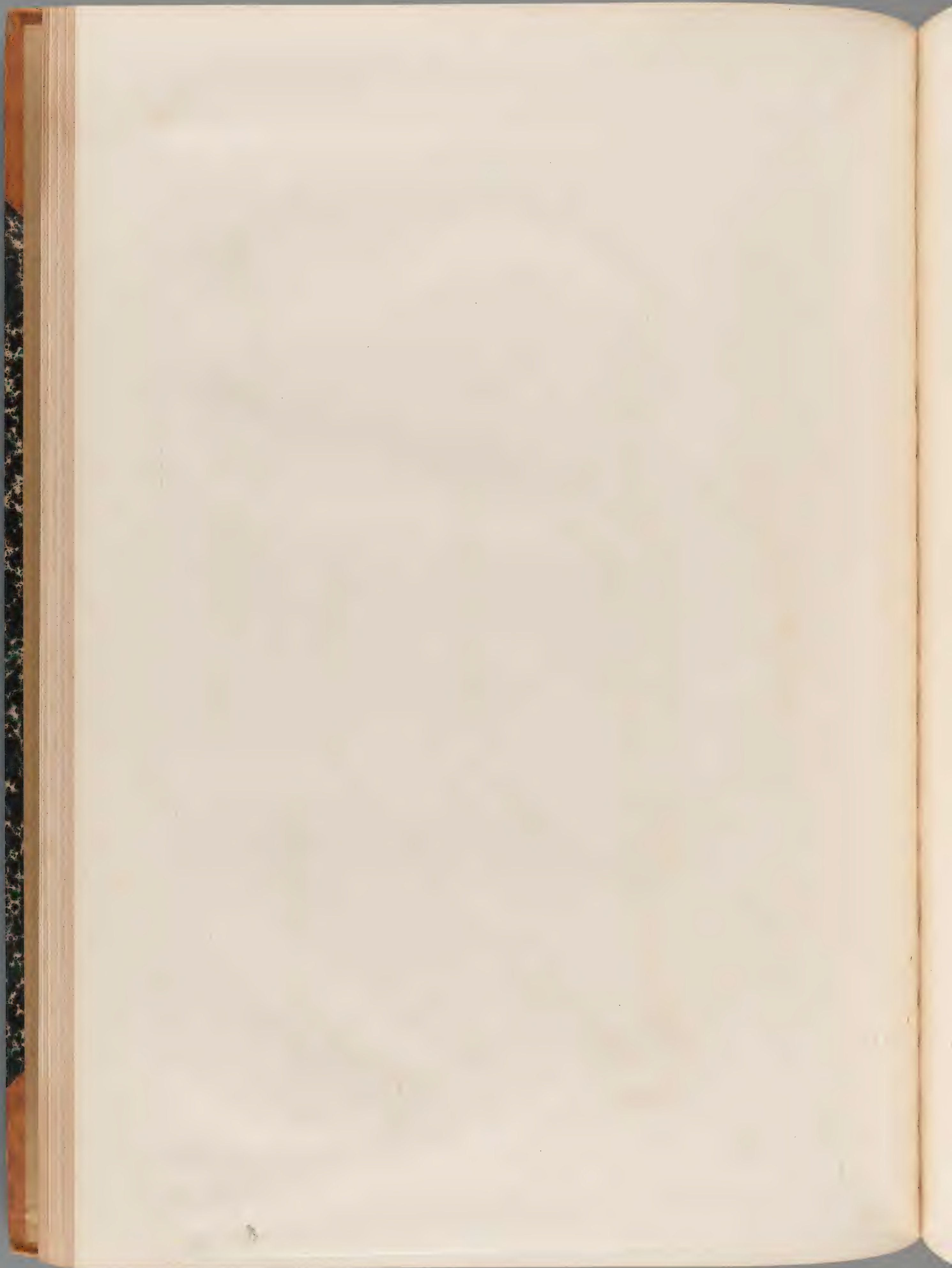






Fig. 1—3. *Rumex Acetosella* Linn. Fig. 4—5. *R. scutatus* Linn.



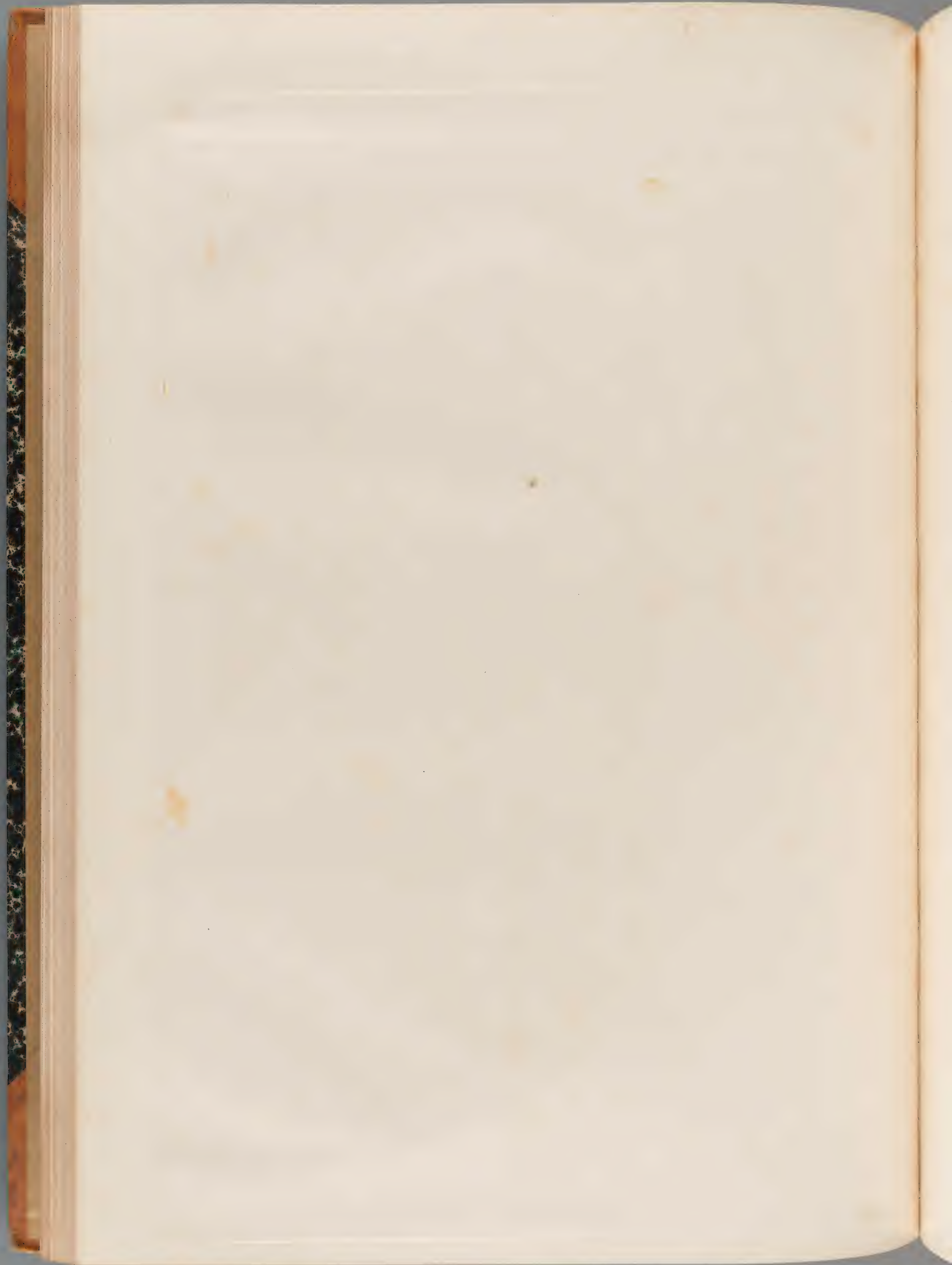






Fig. 1—3. *Thesium alpinum* Linn.



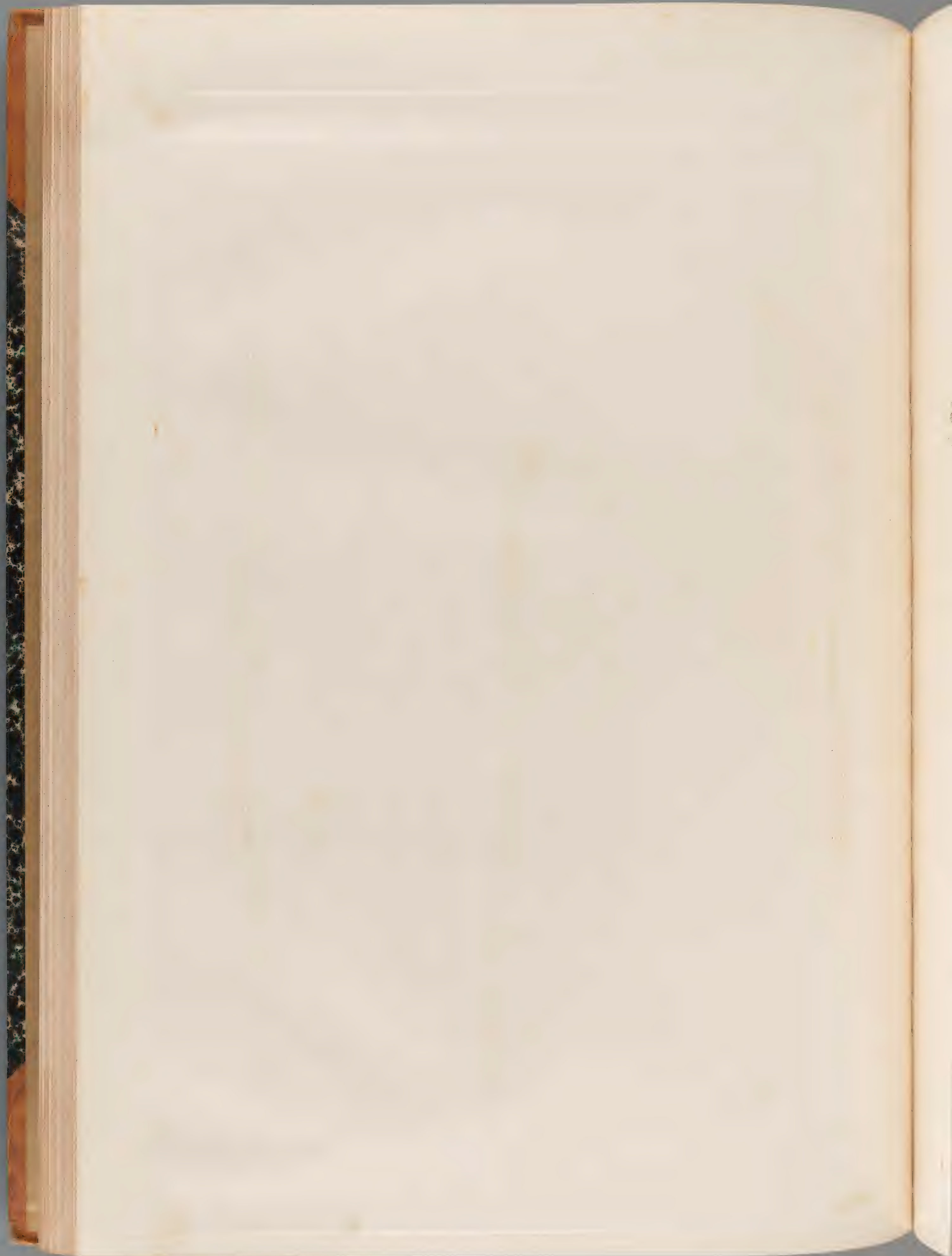






Fig. 1—3. *Daphne Mezereum* Linn.



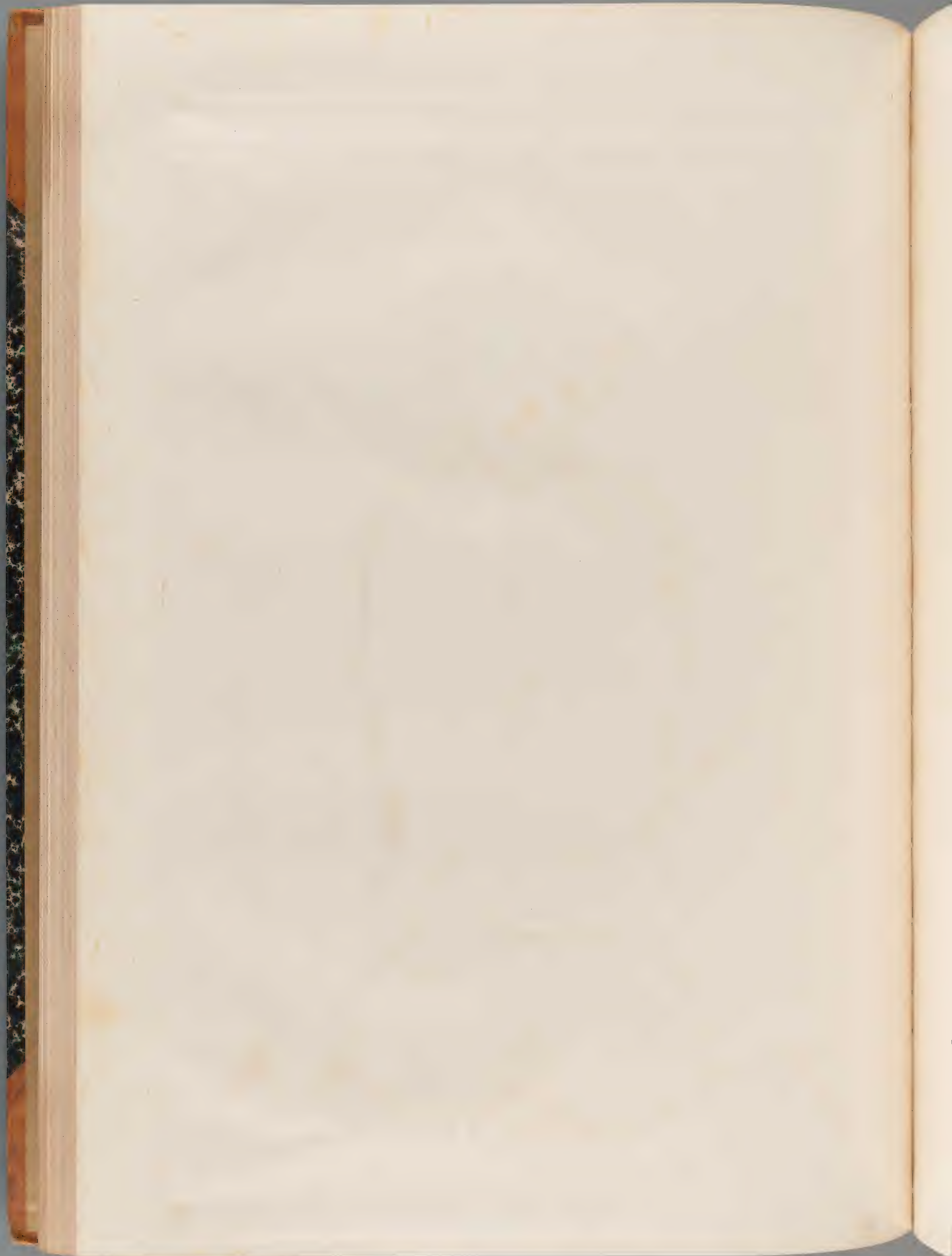






Fig. 1—2. *Asarum europaeum* Linn.



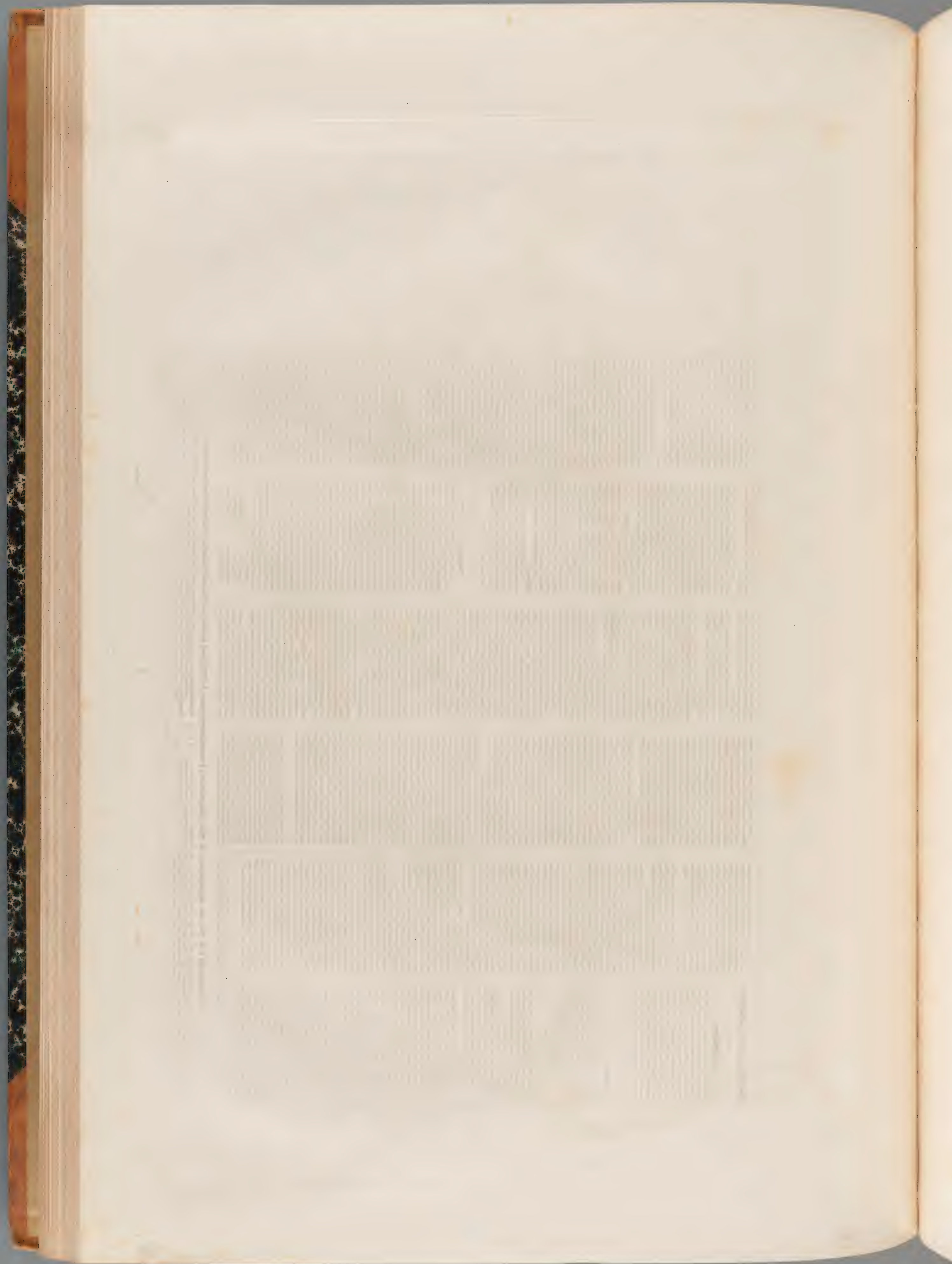






Fig. 1—3. *Plantago major* Linn.



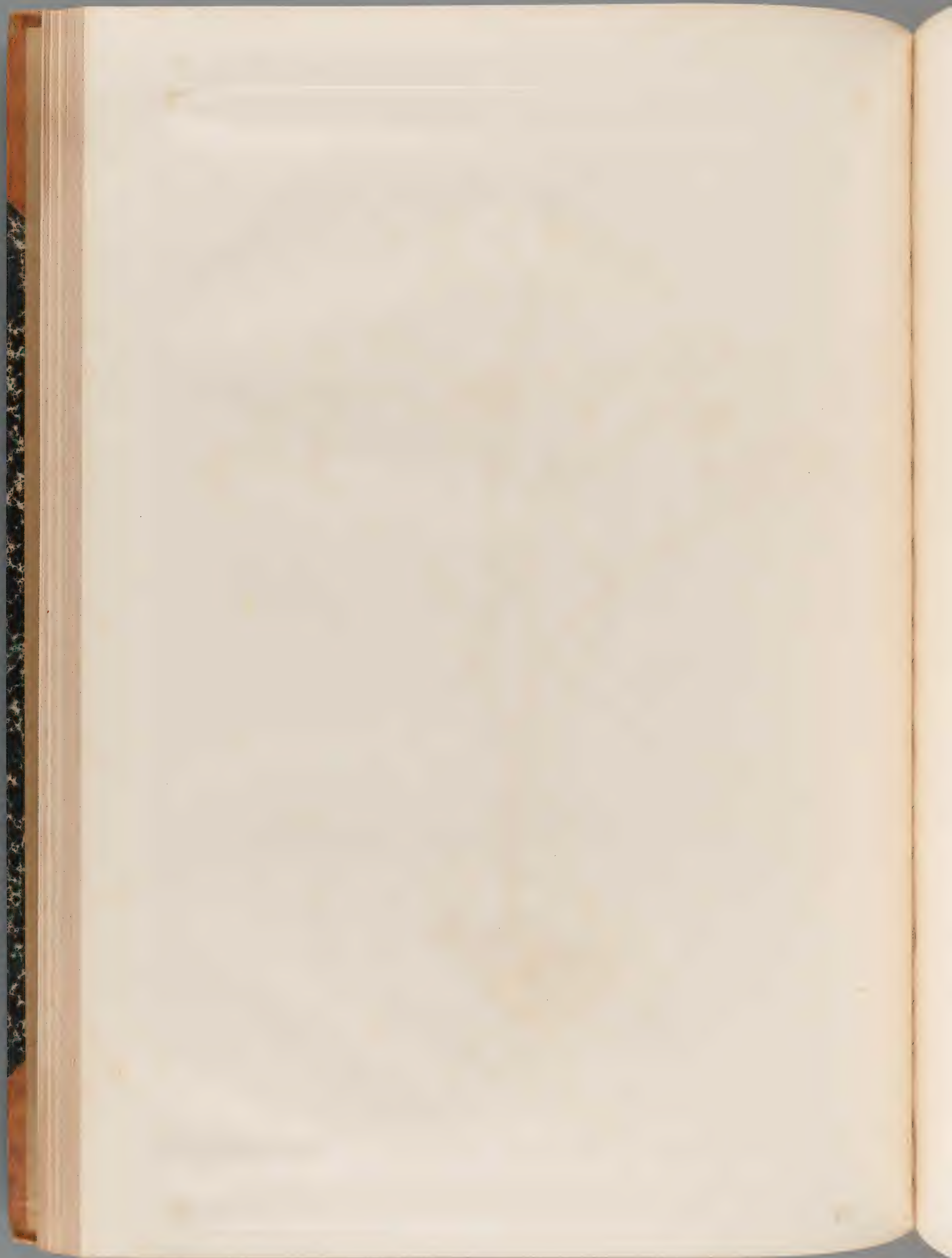






*Plantago lanceolata* Linn.









*Statice Limonium* Linn.



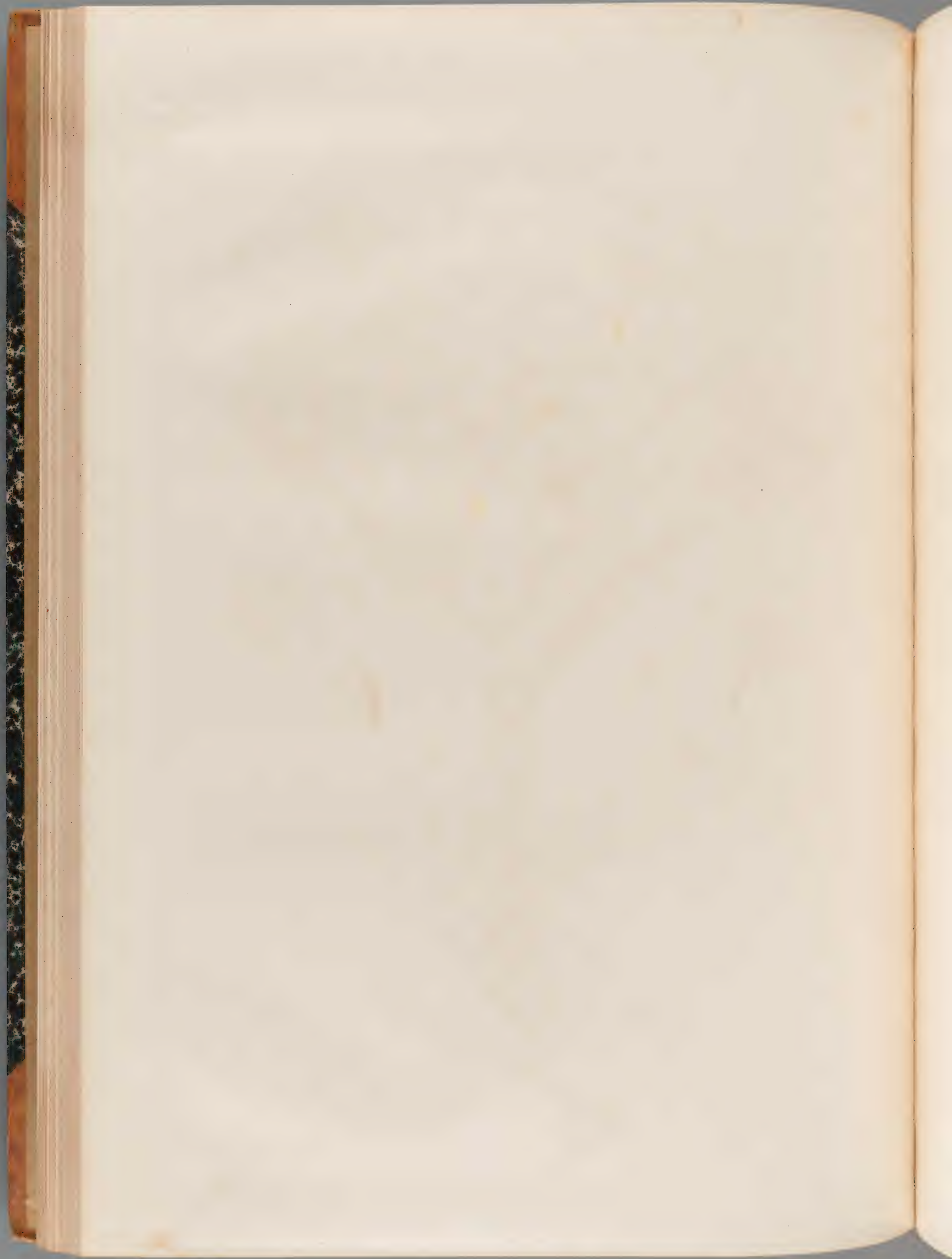






Fig. 1—3. *Statice furfuracea* Rehb.



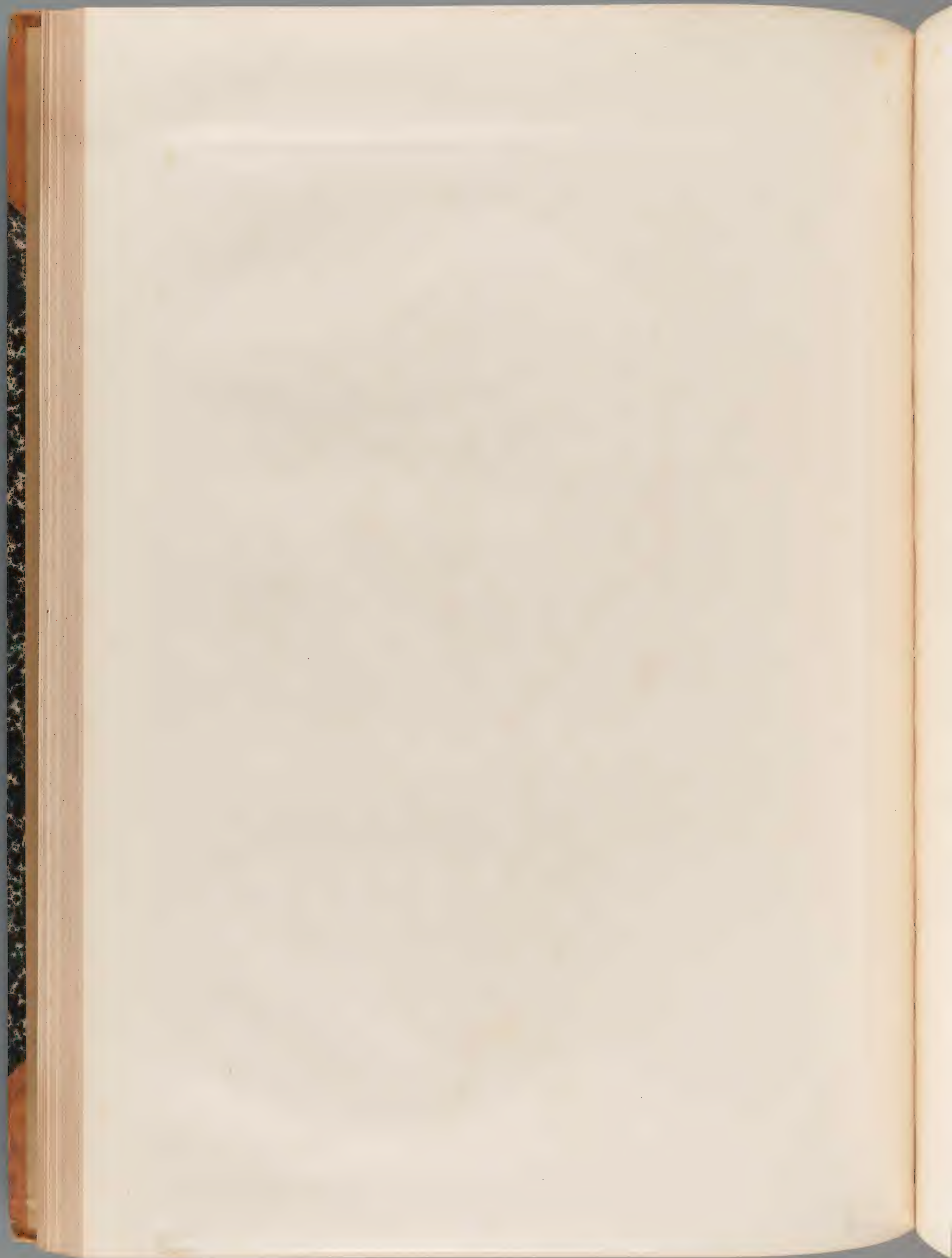






Fig. 1—4. *Valerianella olitoria* Poll.



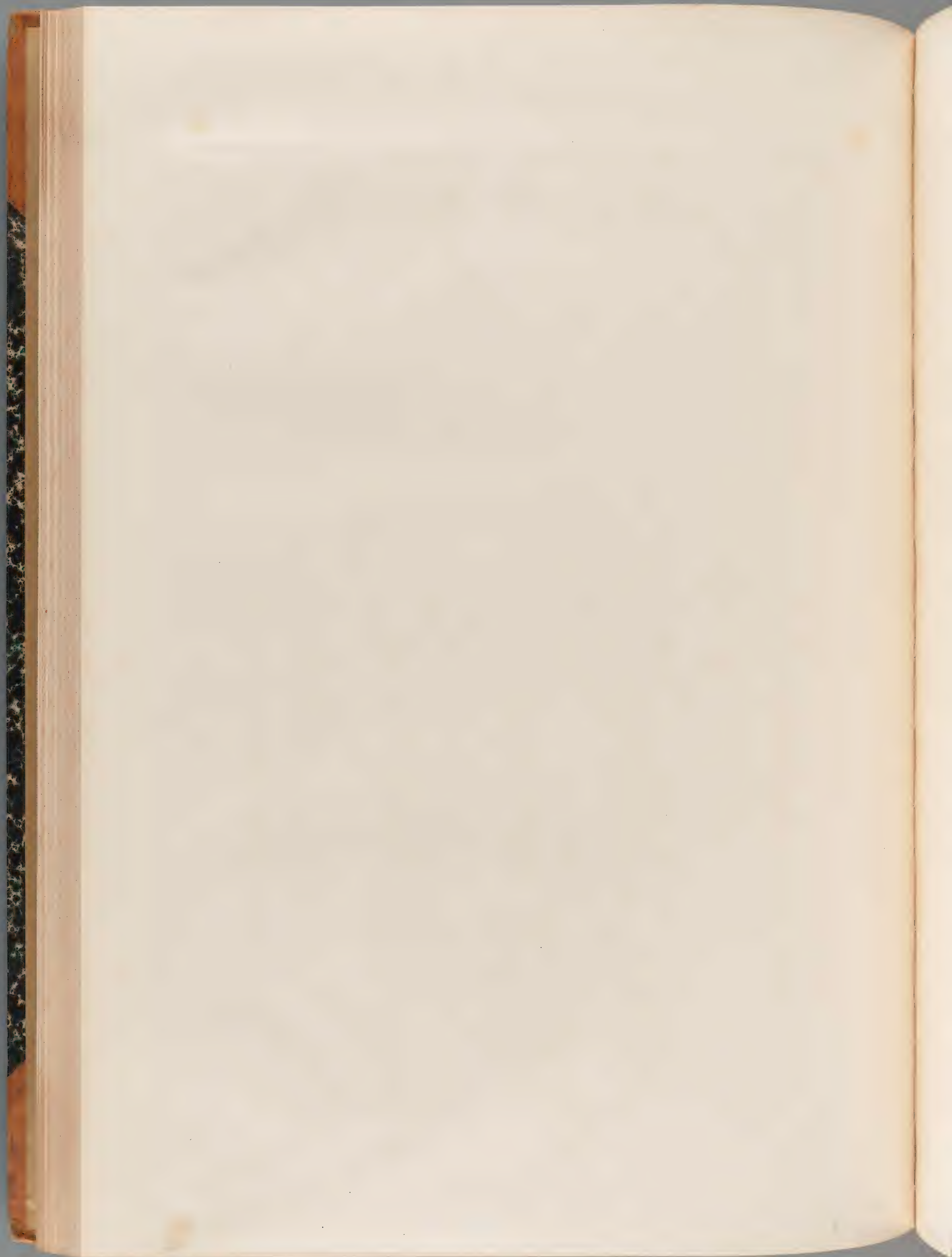
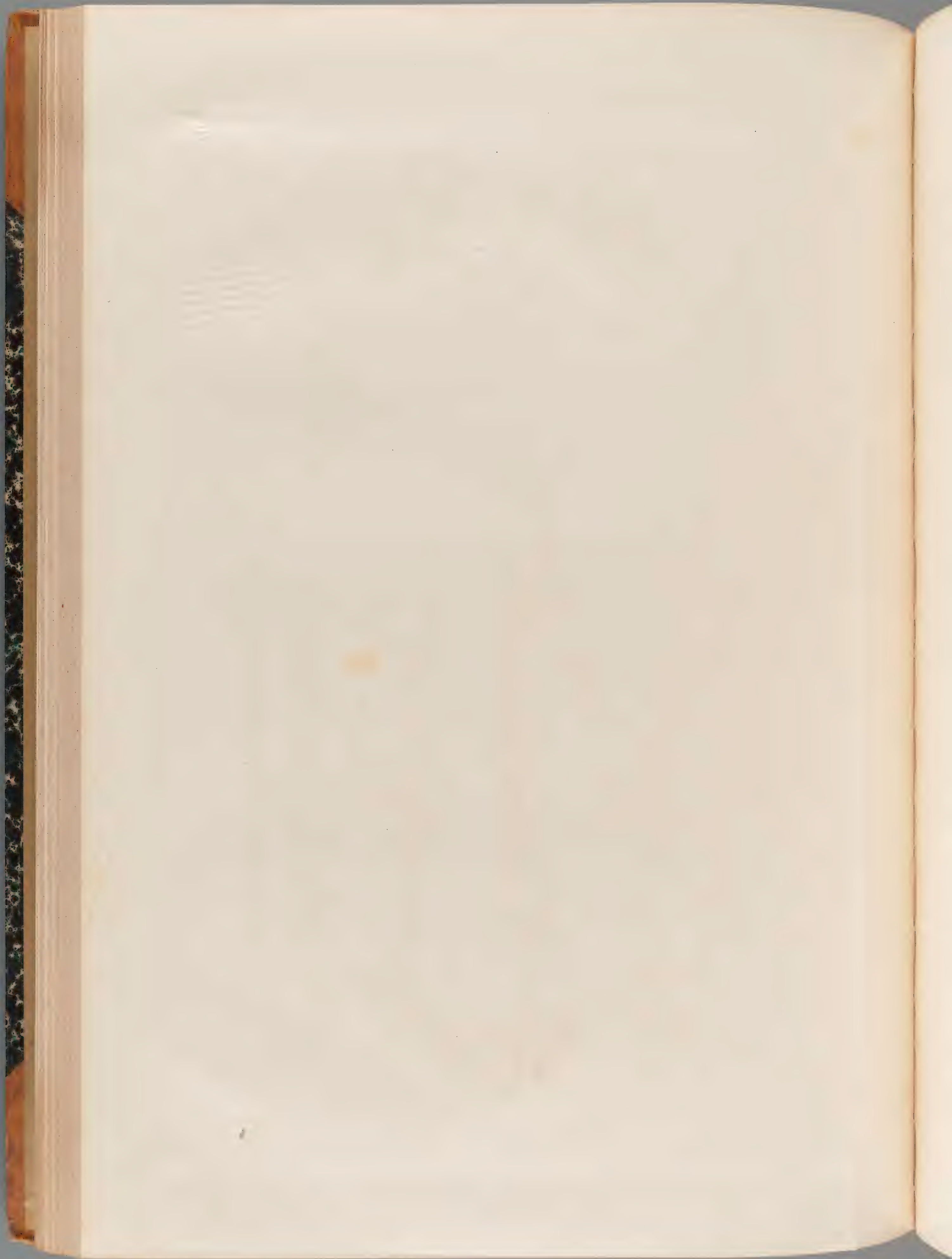






Fig. 1—3. *Valerianella dentata* Poll. Fig. 4—6. *V. coronata* De Cand.









Valeriana officinalis Linn. γ. sambucifolia.



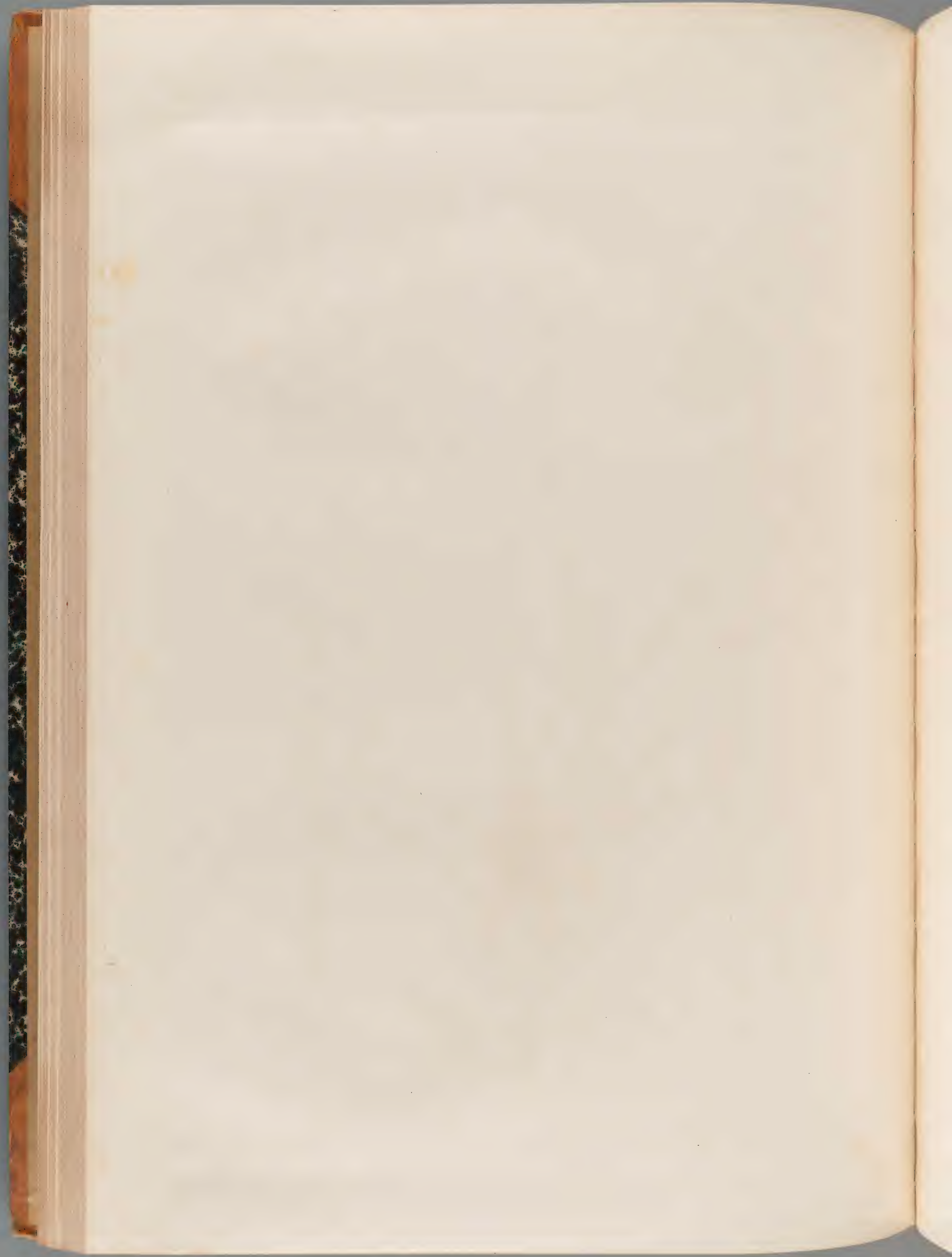






Fig. 1—3. Valeriana dioica Linn.



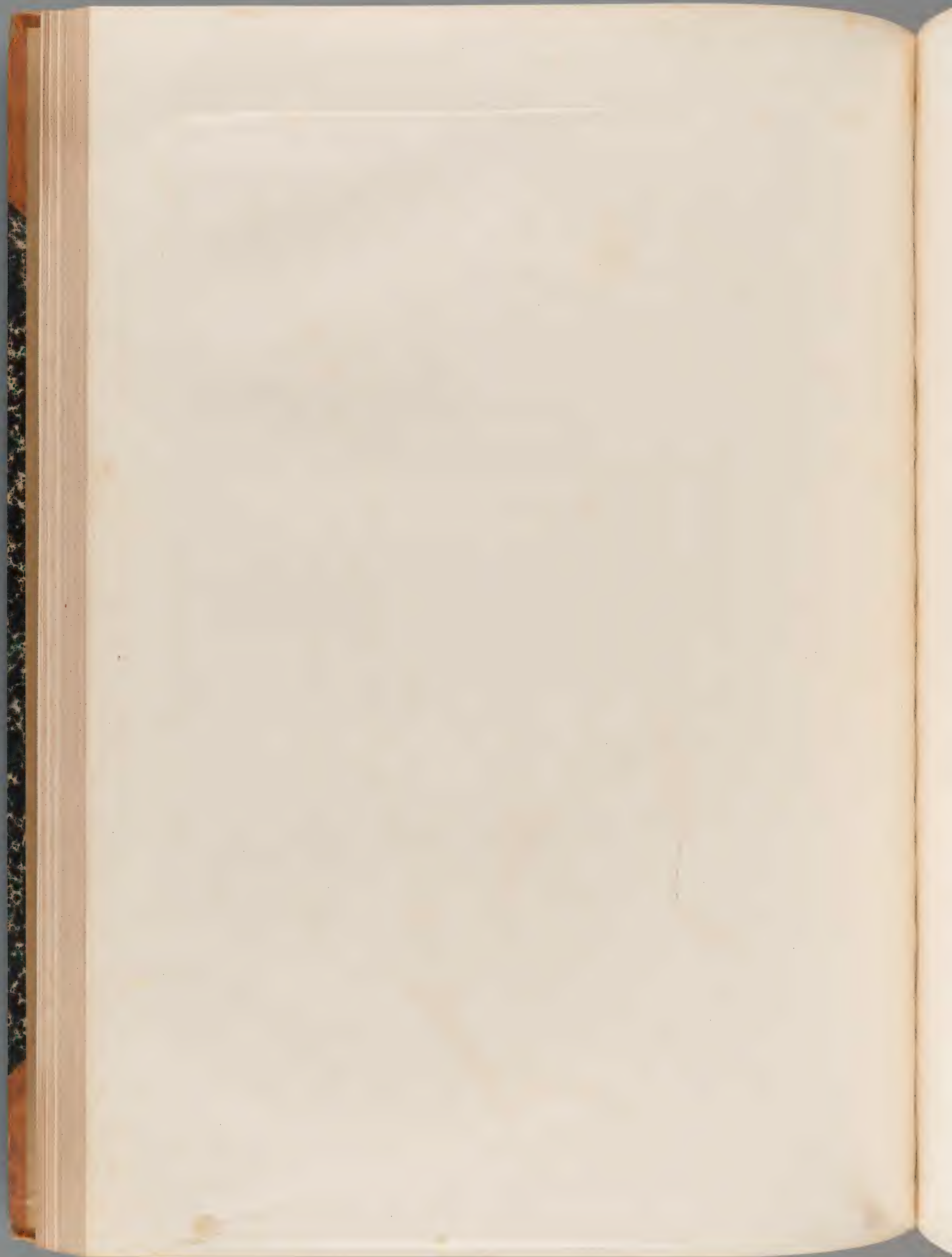






Fig. 1—2. Valeriana tripteris Linn.









Fig. 1—3. Valeriana saxatilis Linn.



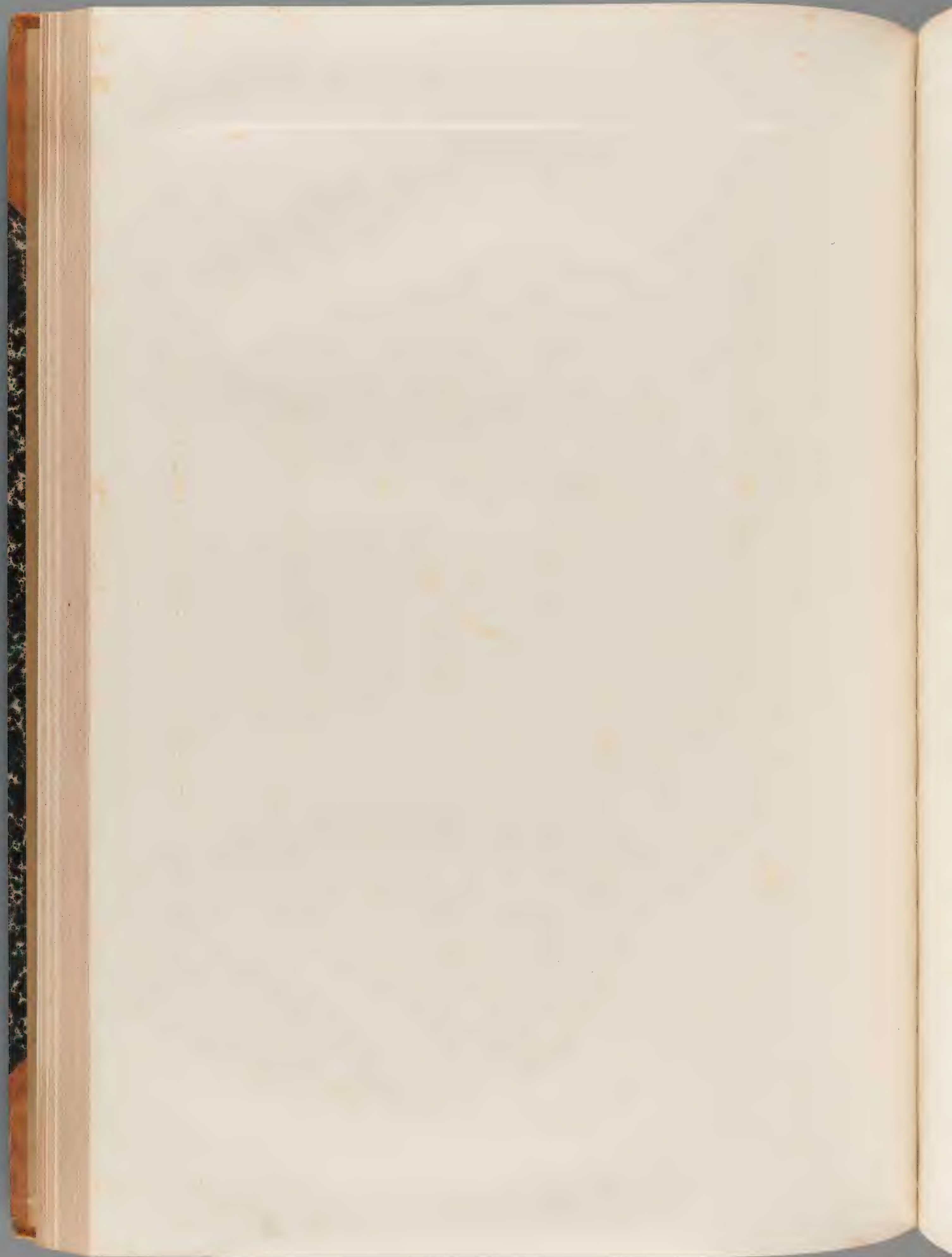






Fig. 1—3. *Valeriana elongata* Jacq. Fig. 4—5. *V. supina* Linn. Fig. 6—9. *V. celtica* Linn.



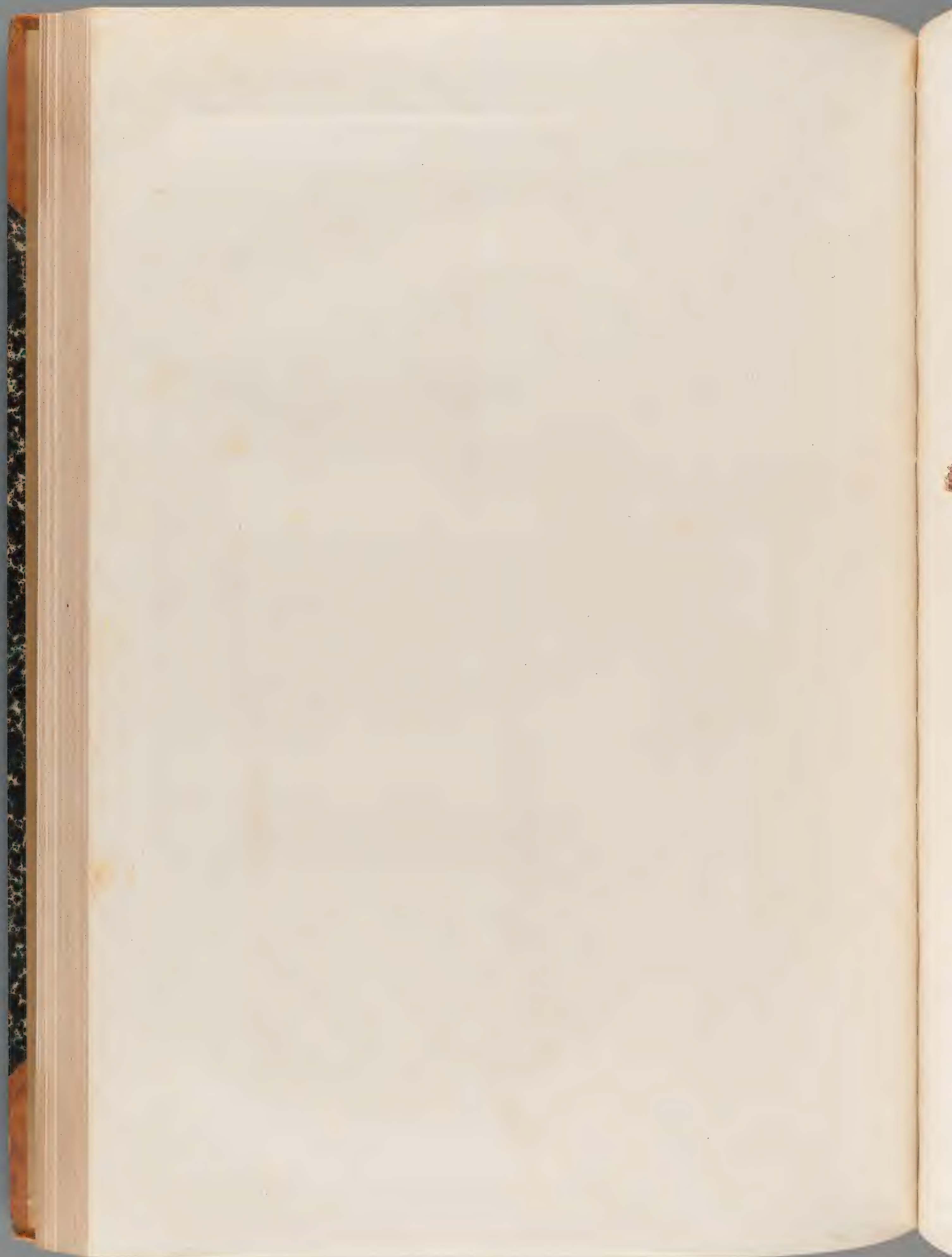






Fig. 1—4. *Knautia sylvatica* Dub.



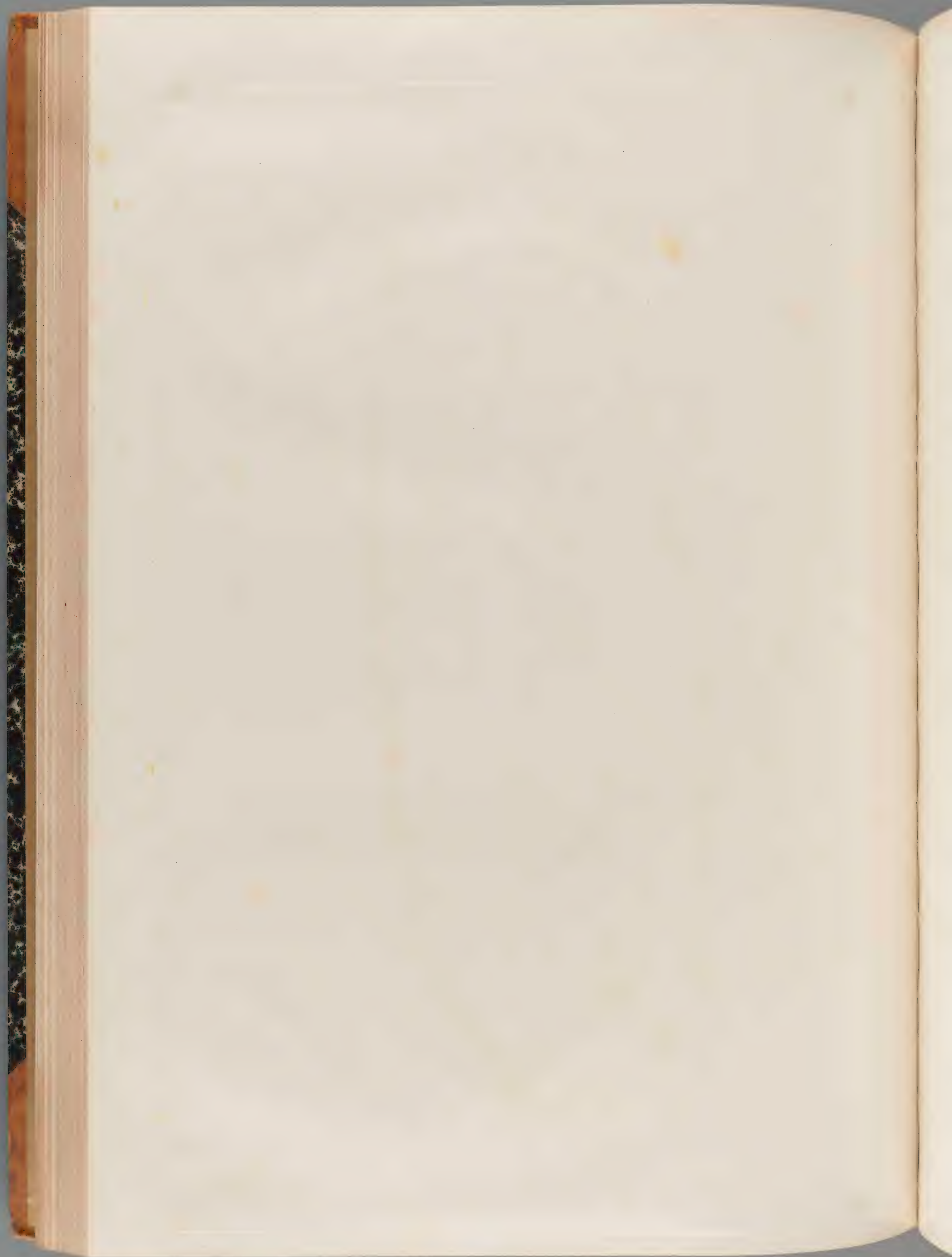






Fig. 1—2. *Knautia arvensis* Coul.









Fig. 1—3. *Succisa pratensis* Mönch.



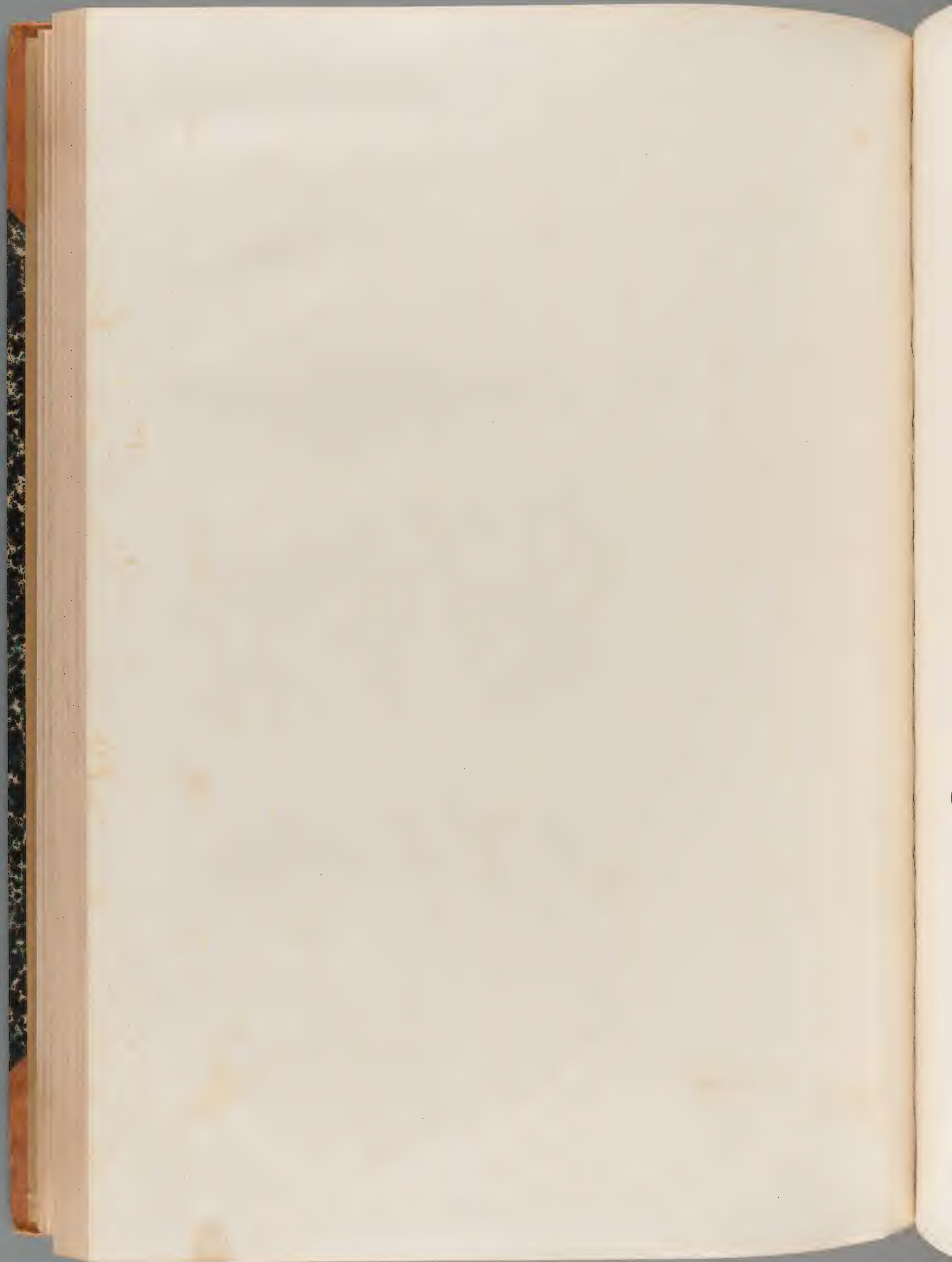






Fig. 1—3. *Succisa australis* Reichb.



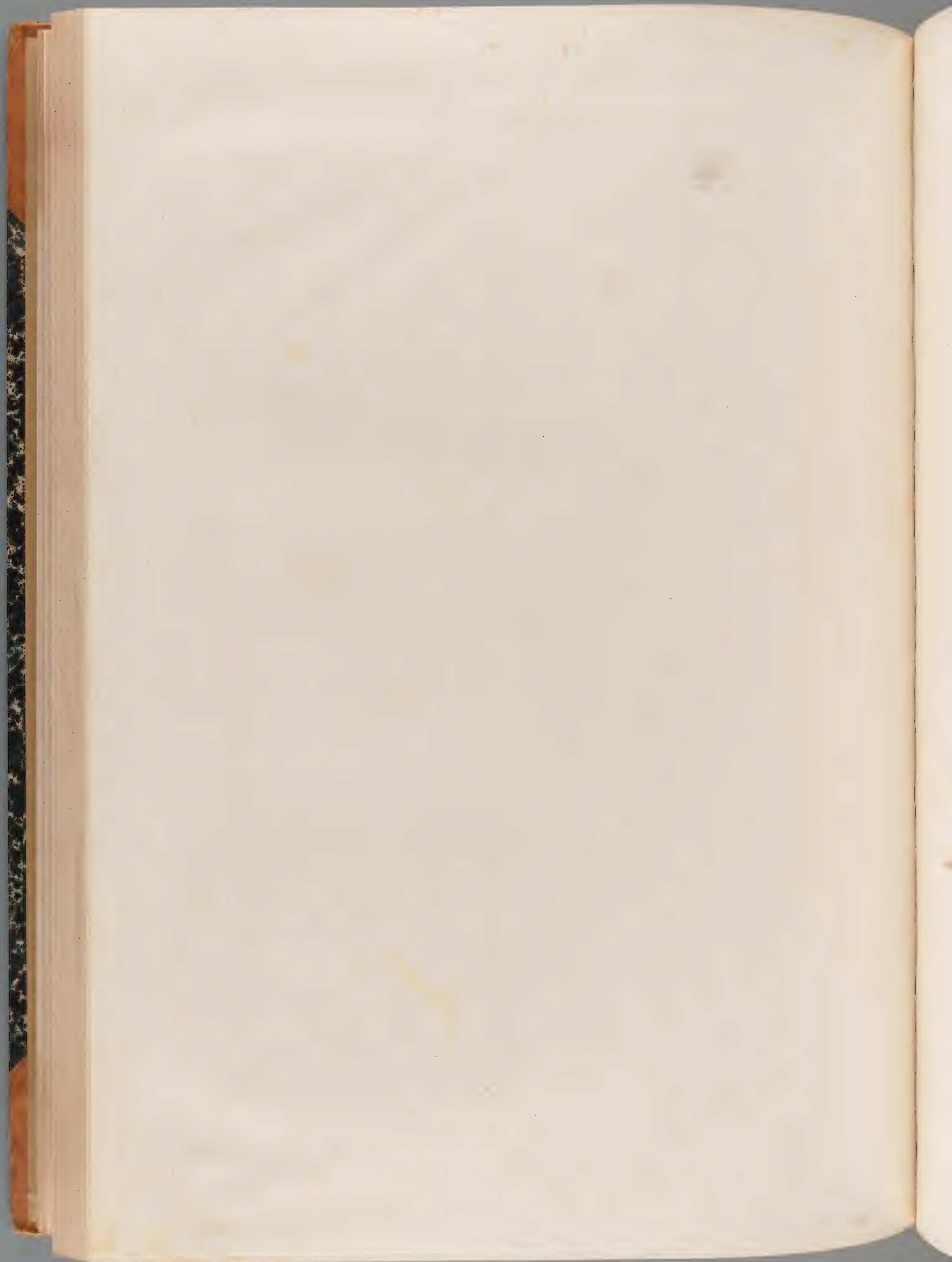






Fig. 1—3. *Scabiosa lucida* Vill.



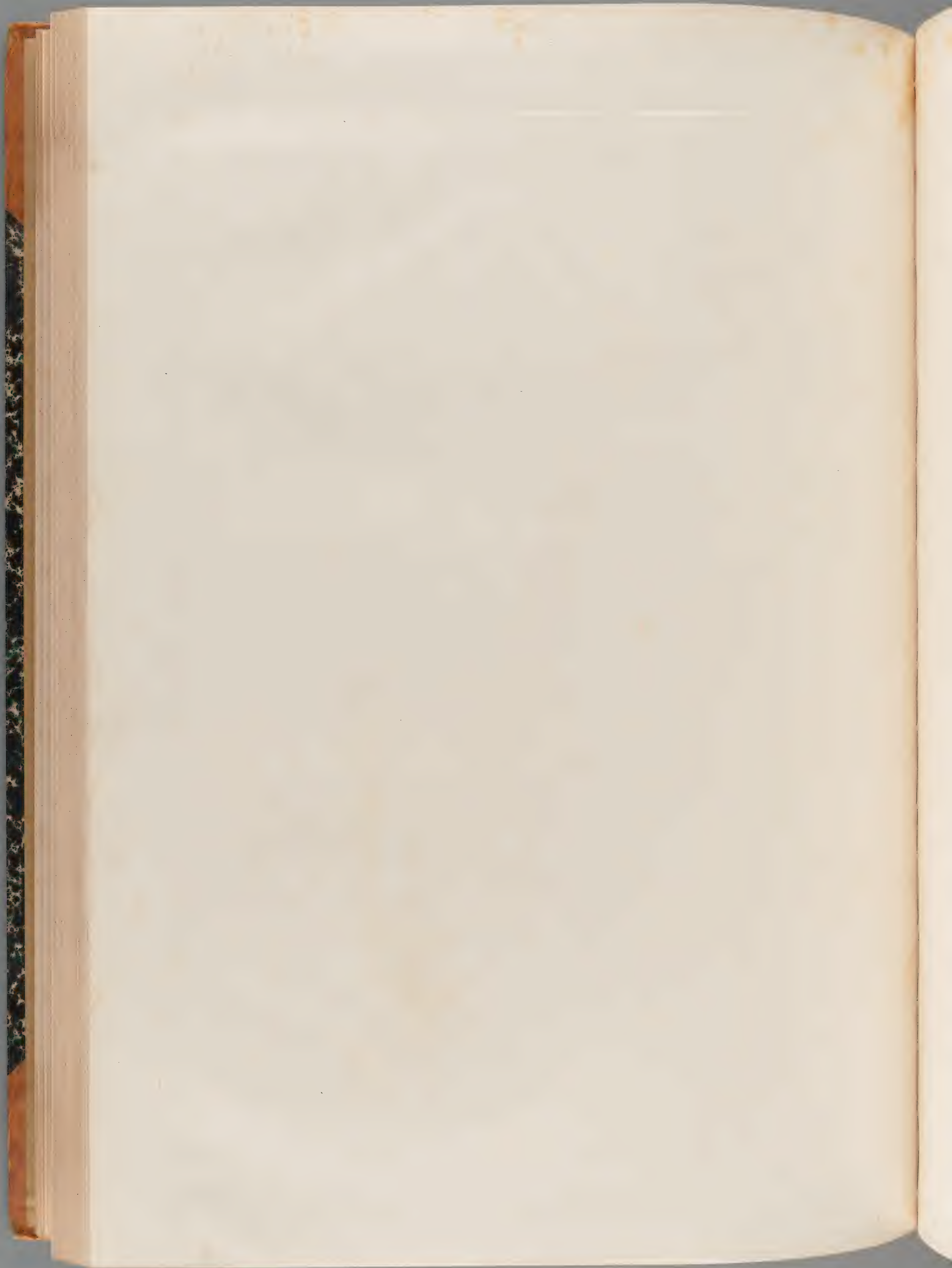






Fig. 1—2. *Scabiosa columbaria* Linn.



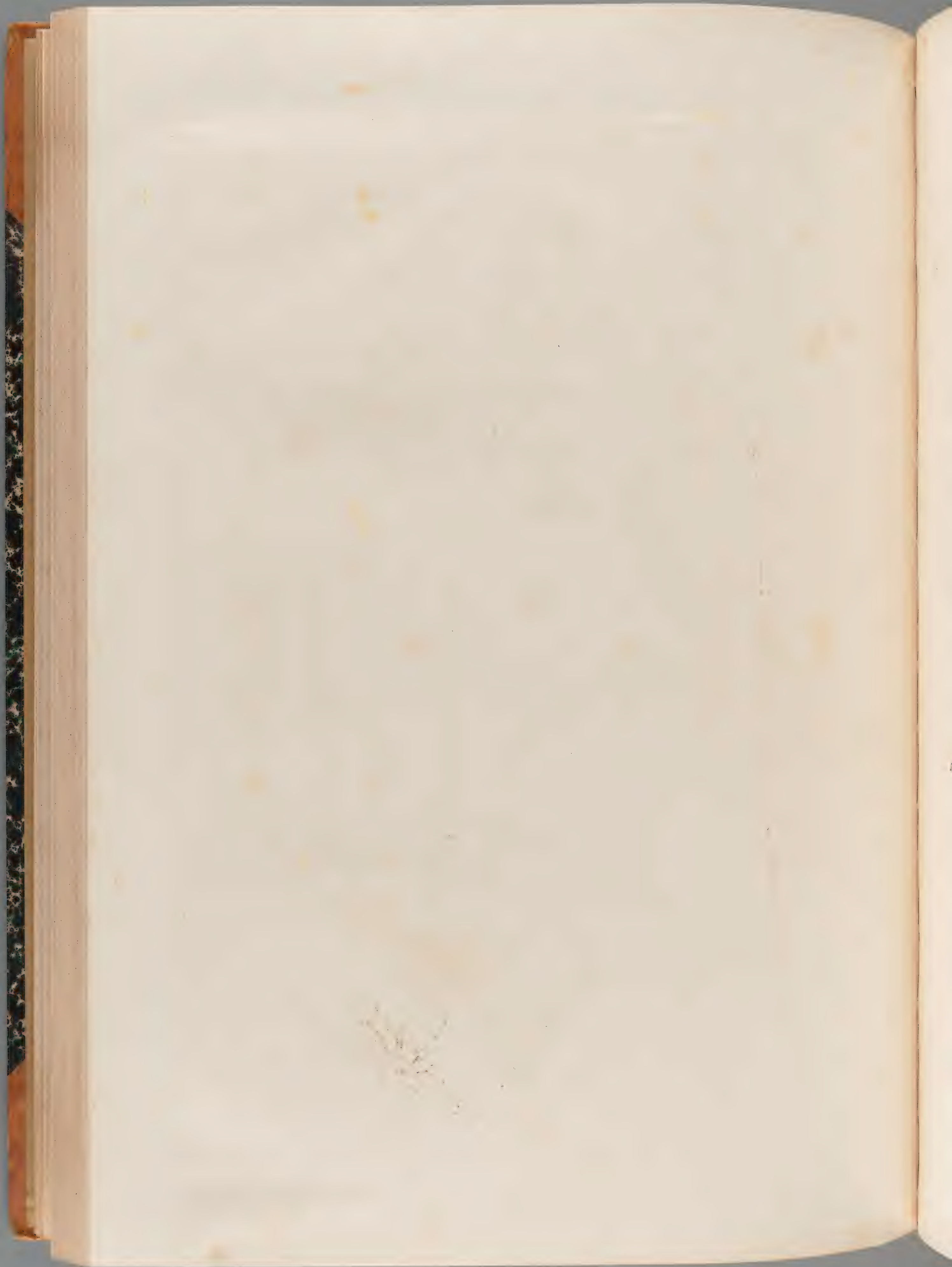
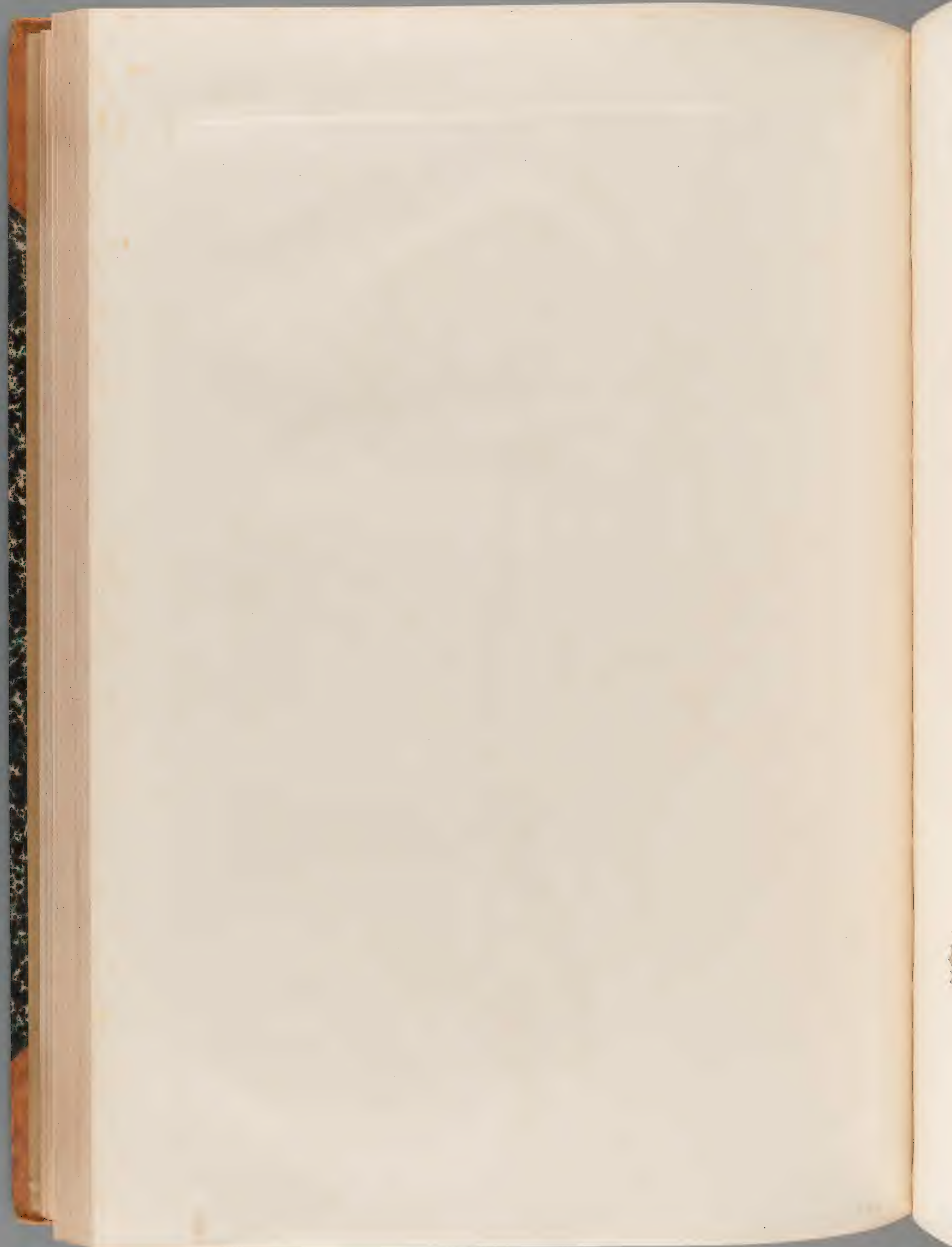






Fig. 1—2. *Scabiosa ochroleuca* Linn.









*Adenostyles alpina* Bl. et F.



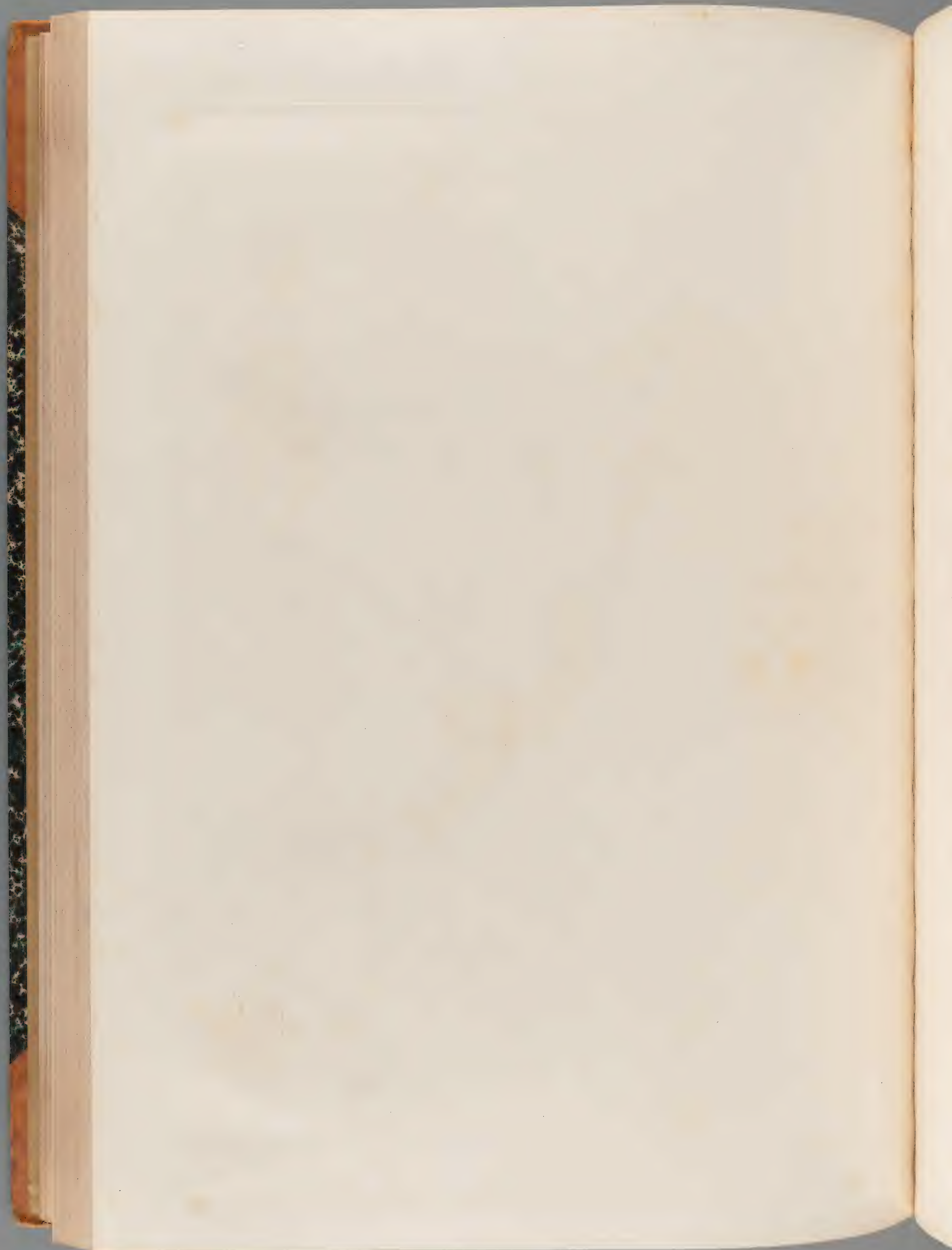






Fig. 1—3. *Petasites officinalis* Mönch.



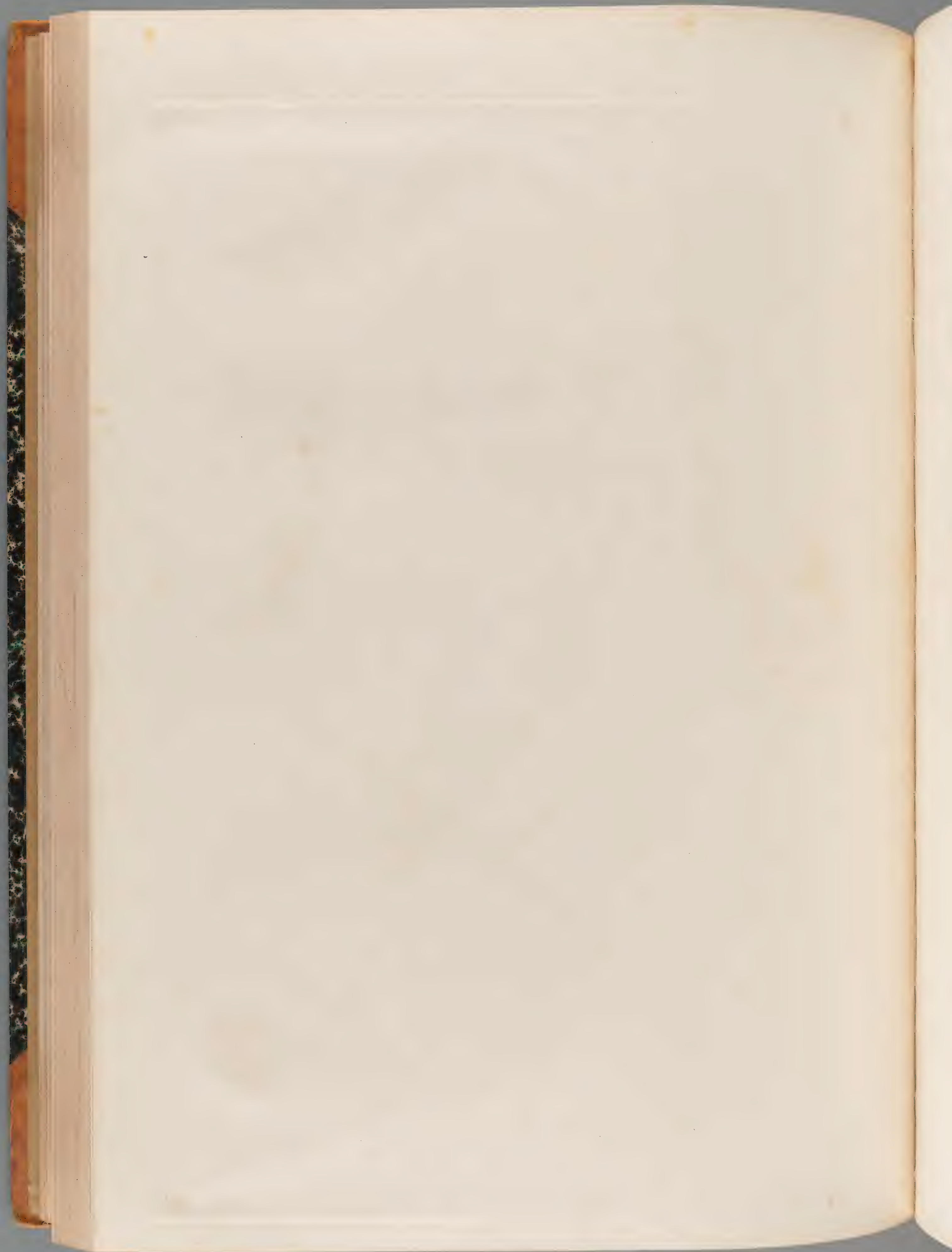






Fig. 1—4. Petasites albus Gärtn.









Fig. 1—3. *Tussilago farfara* Linn.









Fig. 1—4. *Bellidiastrum Micheli* Cass.



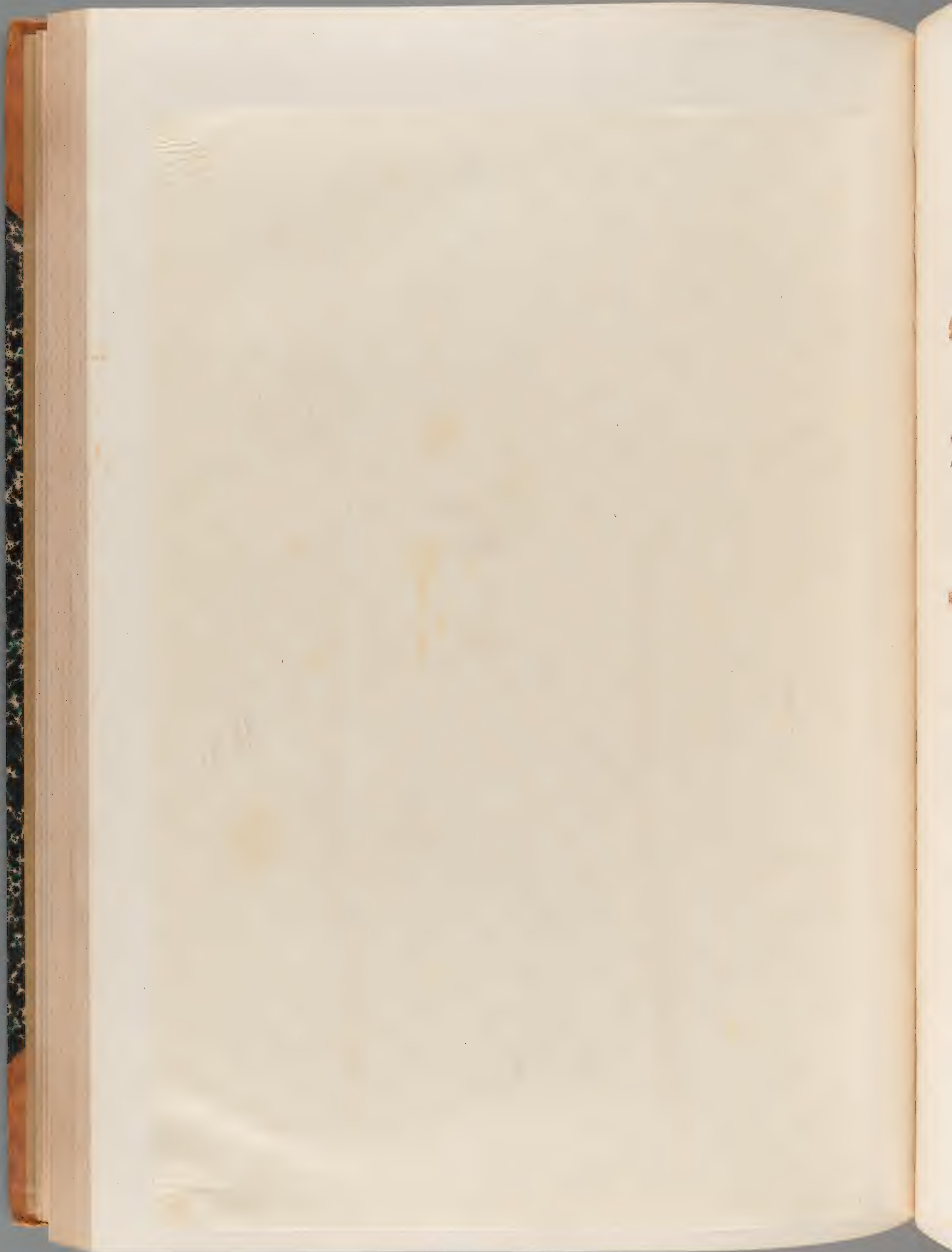






Fig. 1—2. *Erigeron canadensis* Linn.



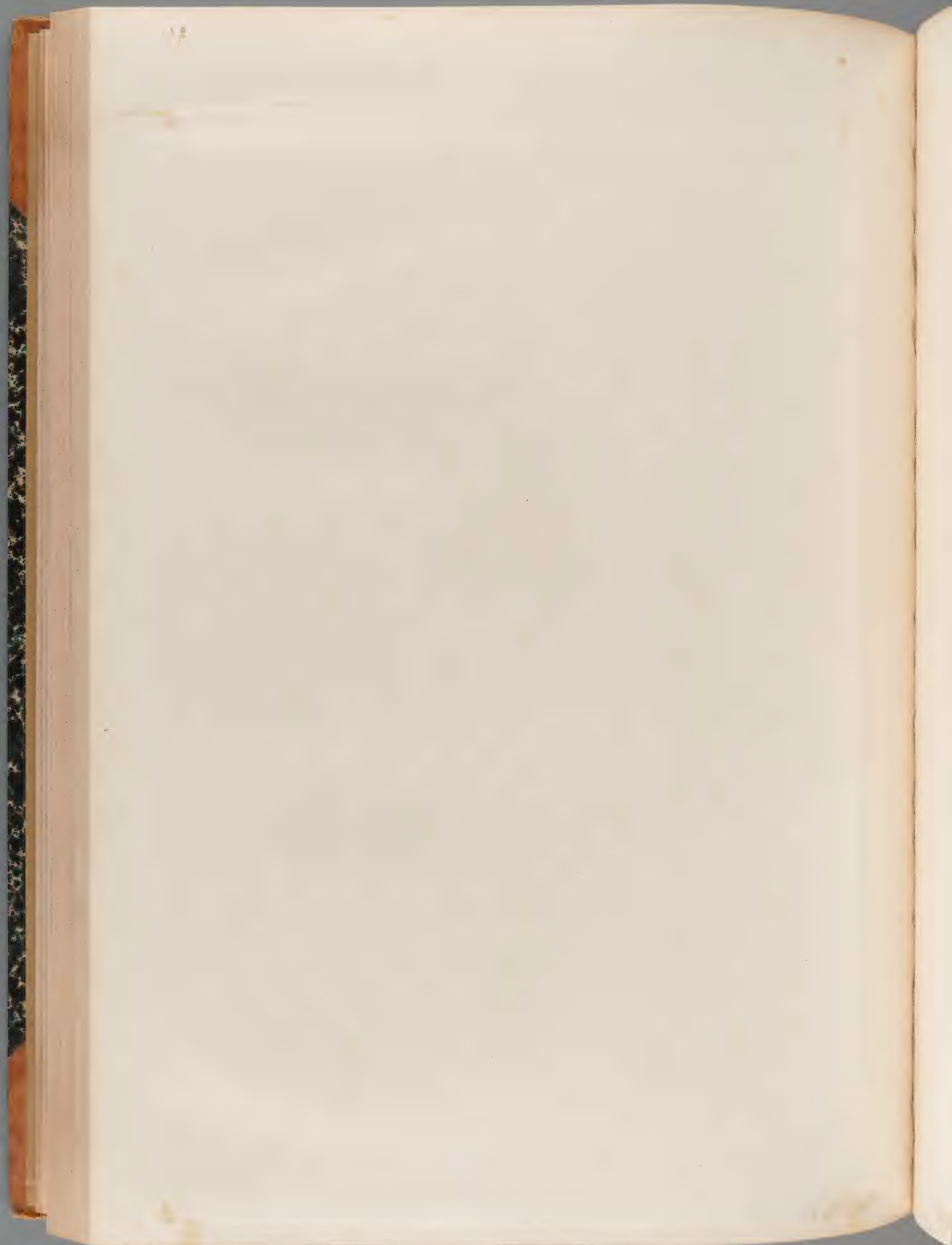






Fig. 1—3. *Erigeron alpinus* Linn. Fig. 4—6. *E. uniflorus* Linn.



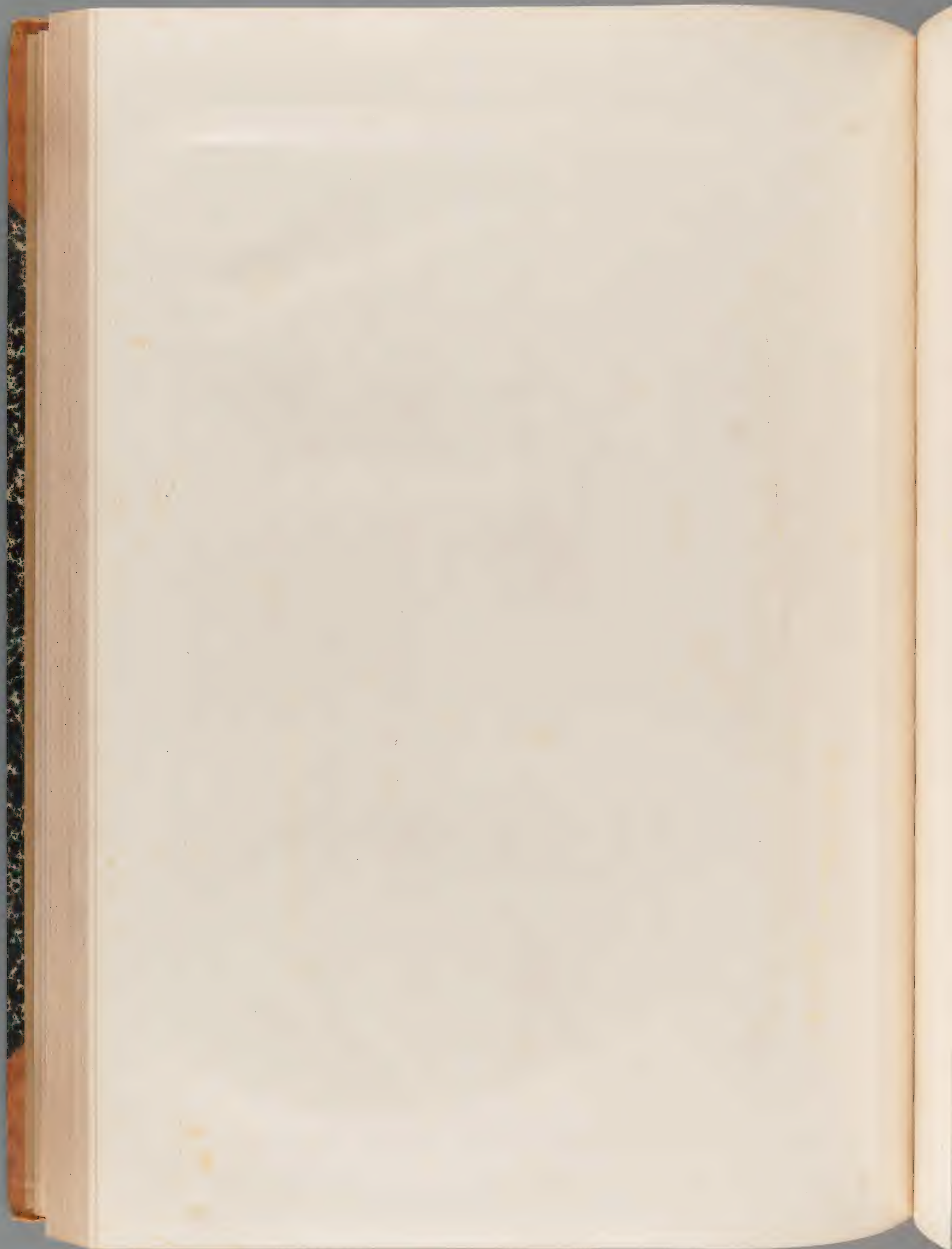






Fig. 1—2. *Pulicaria dysenterica* Gärtn.



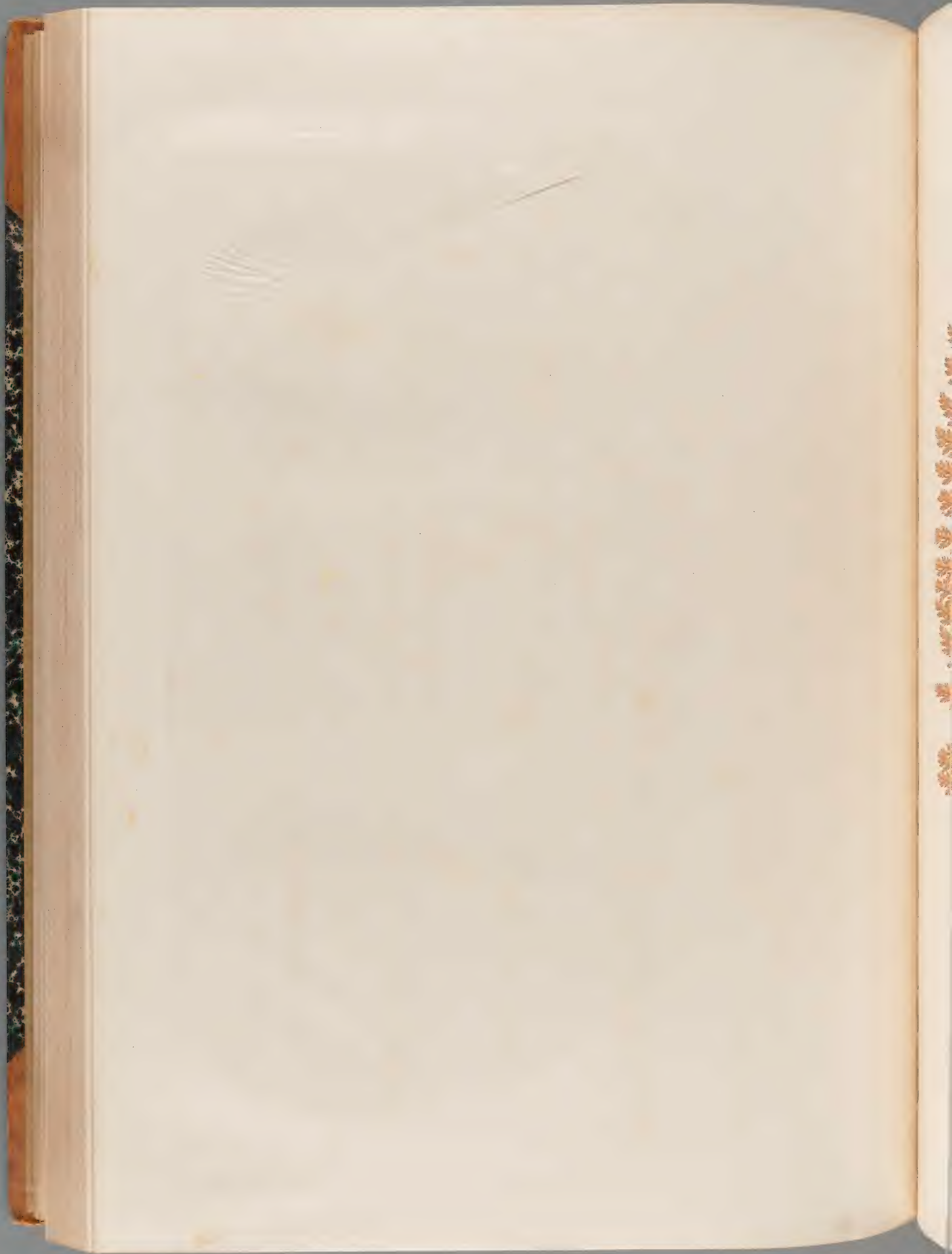






Fig. 1—3. *Achillea tanacetifolia* All.



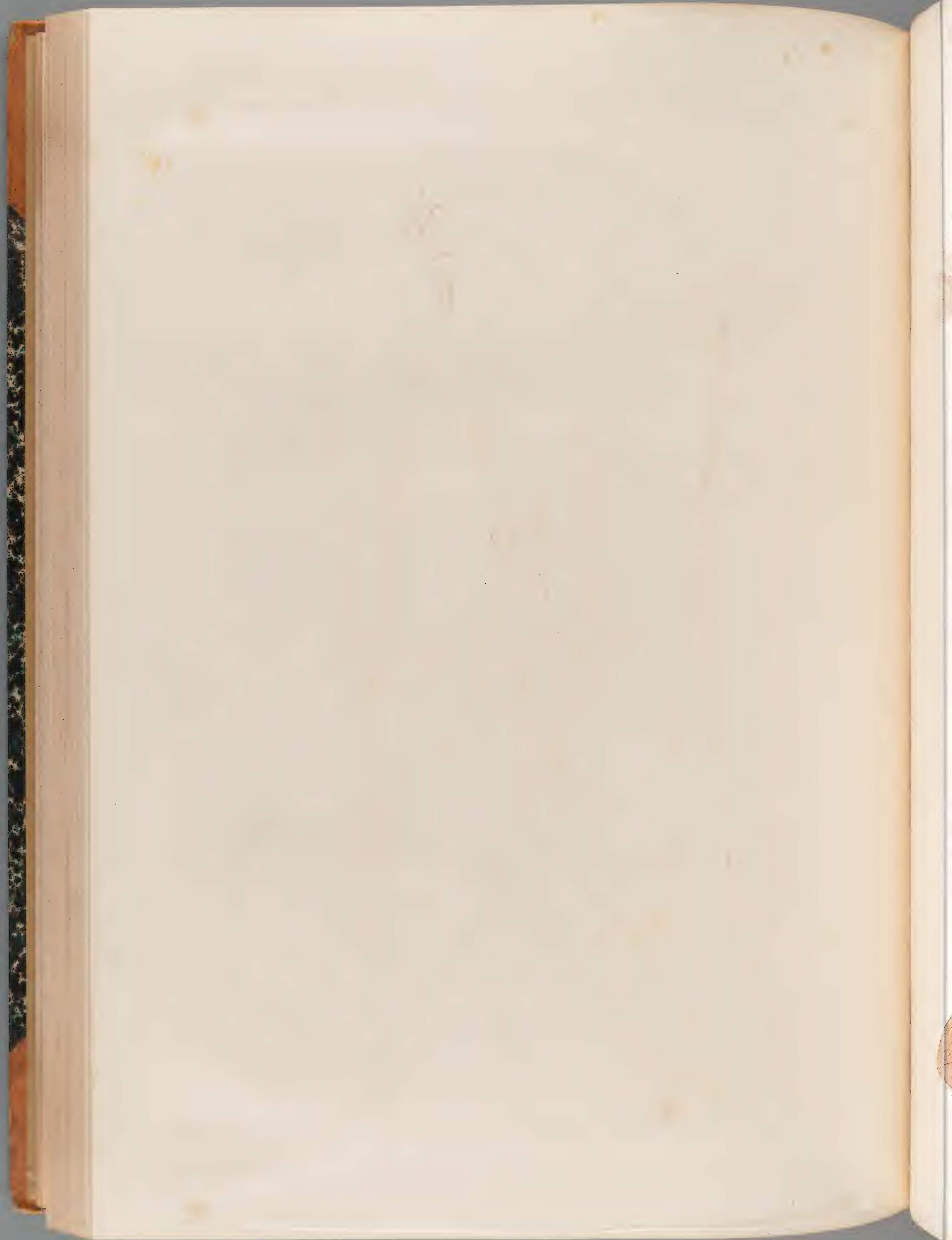






Fig. 1—3. *Arnica montana* Linn.









Fig. 1—3. *Doronicum austriacum* Jacq.



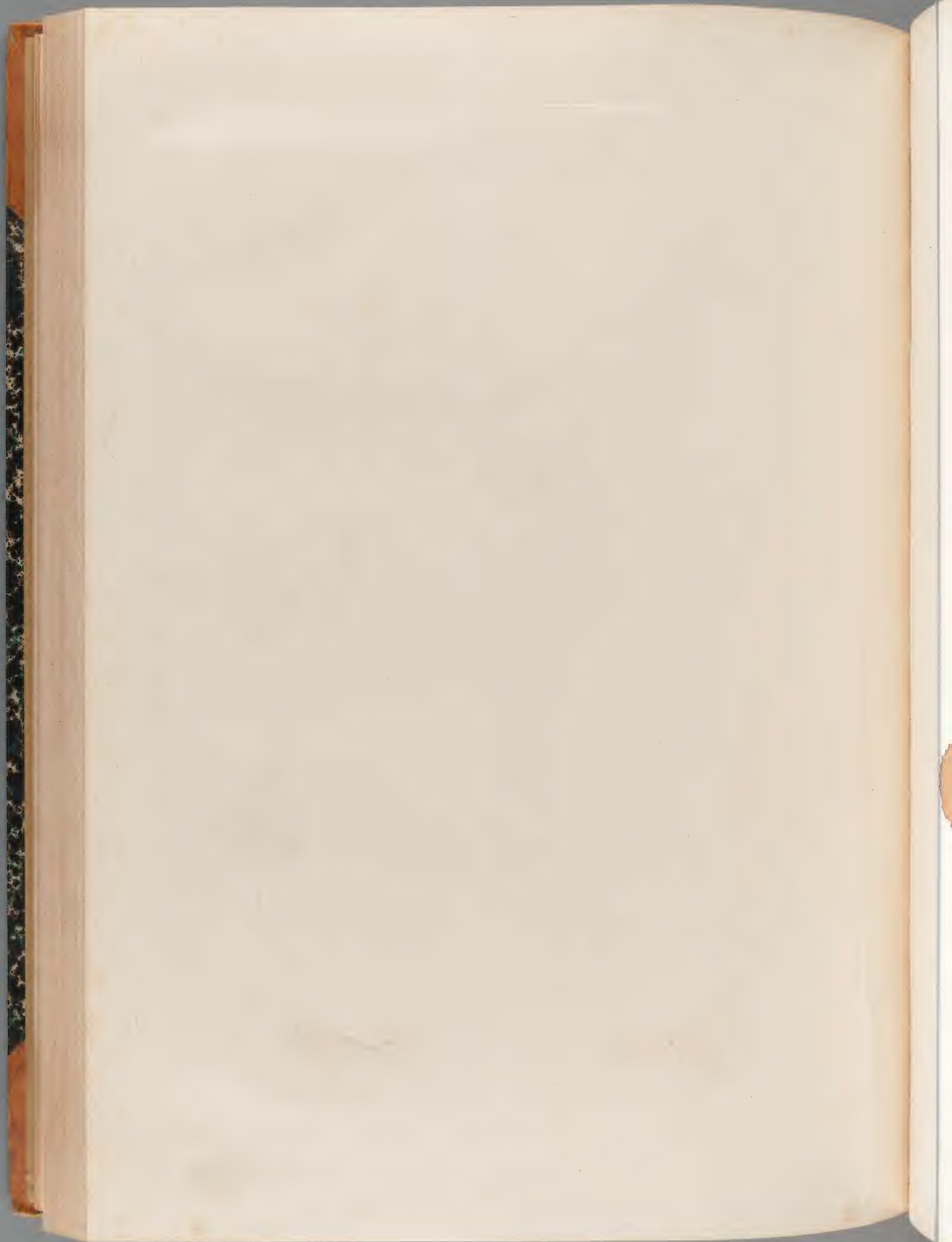






Fig. 1—3. *Doronicum Nendtvichii* Sadl.



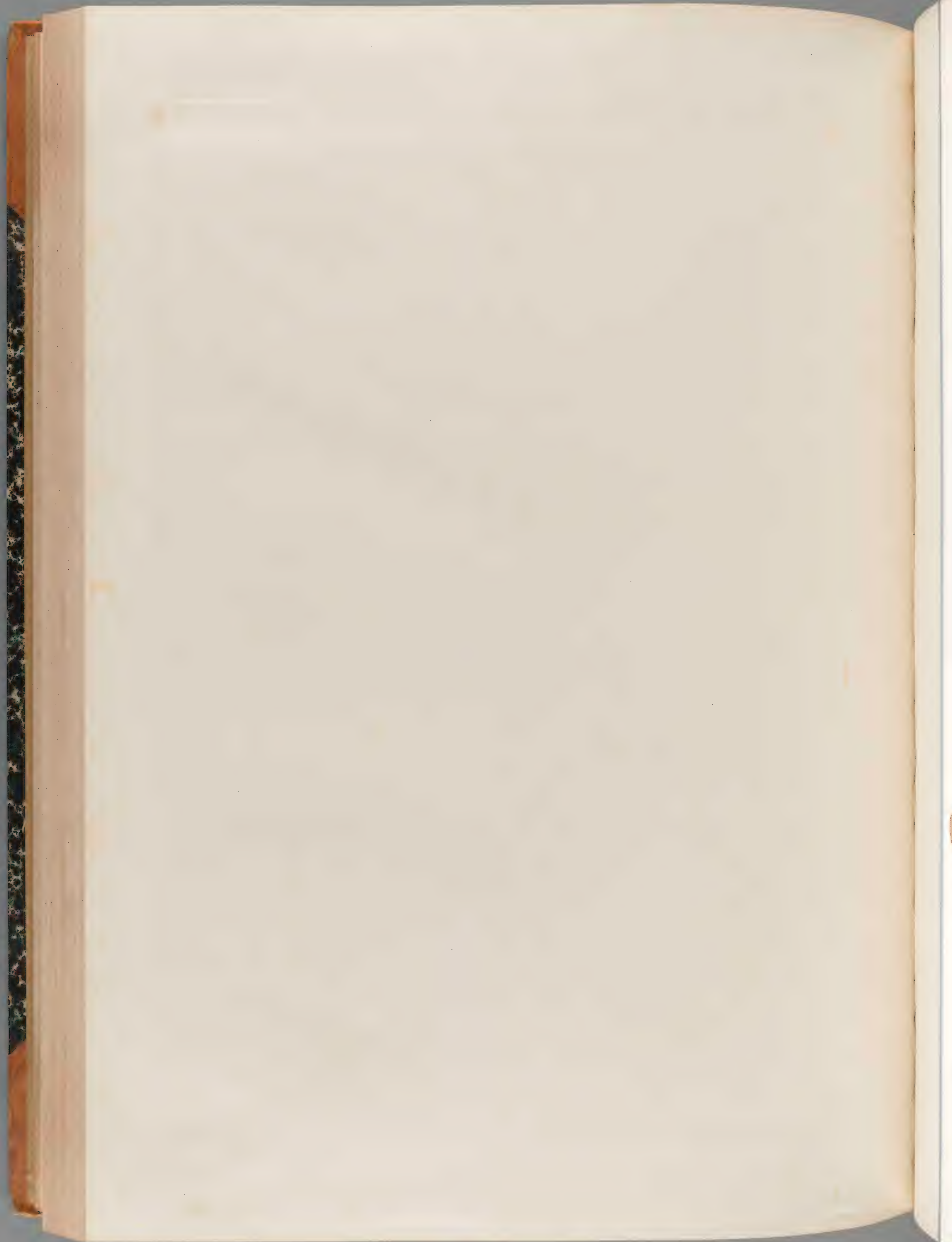






Fig. 1—4. *Aronicum Clusii* Koch.









Fig. 1—3. *Cineraria crispa* Jacq.  $\beta$ . *rivularis*.



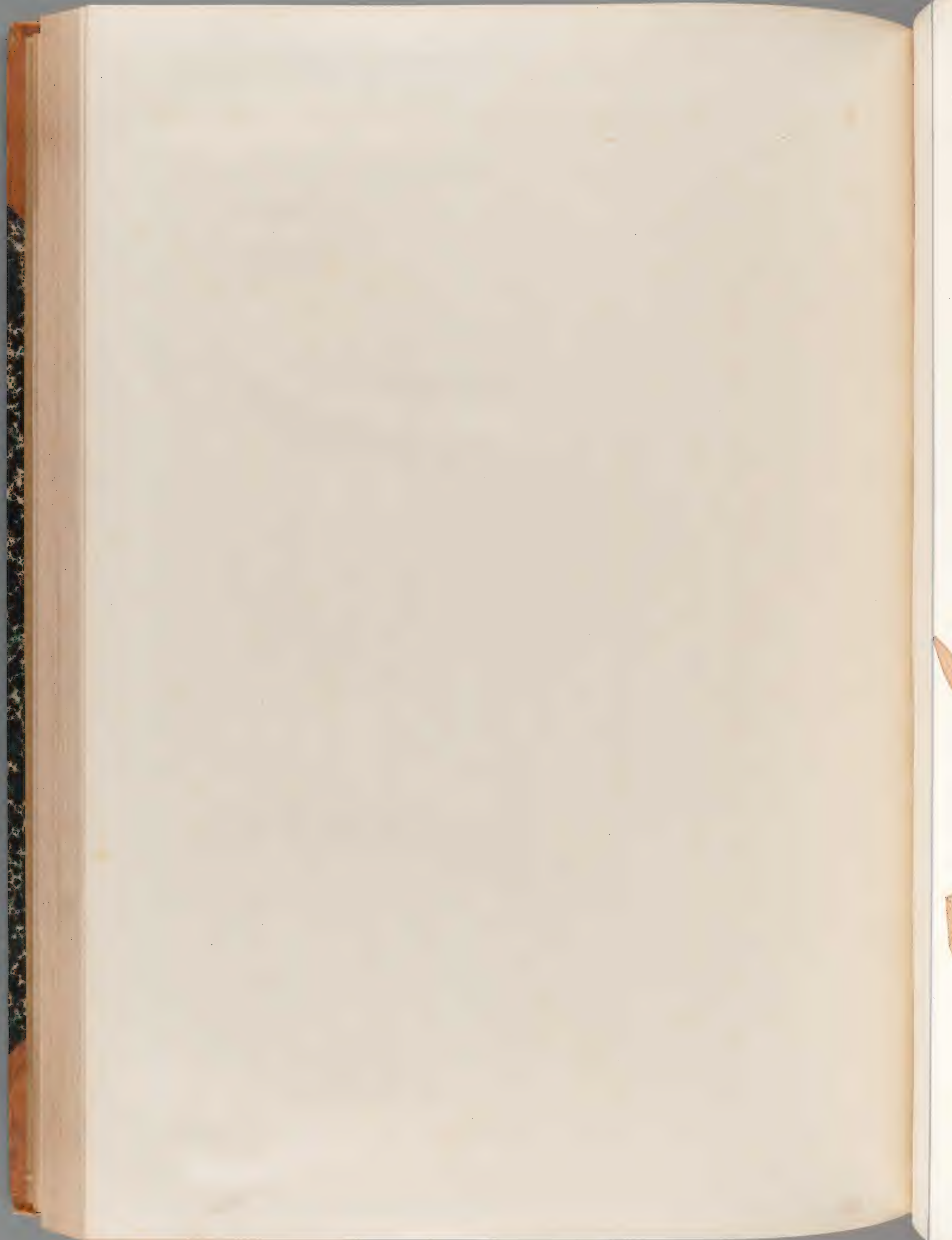






Fig. 1—3. *Cineraria longifolia* Jacq.



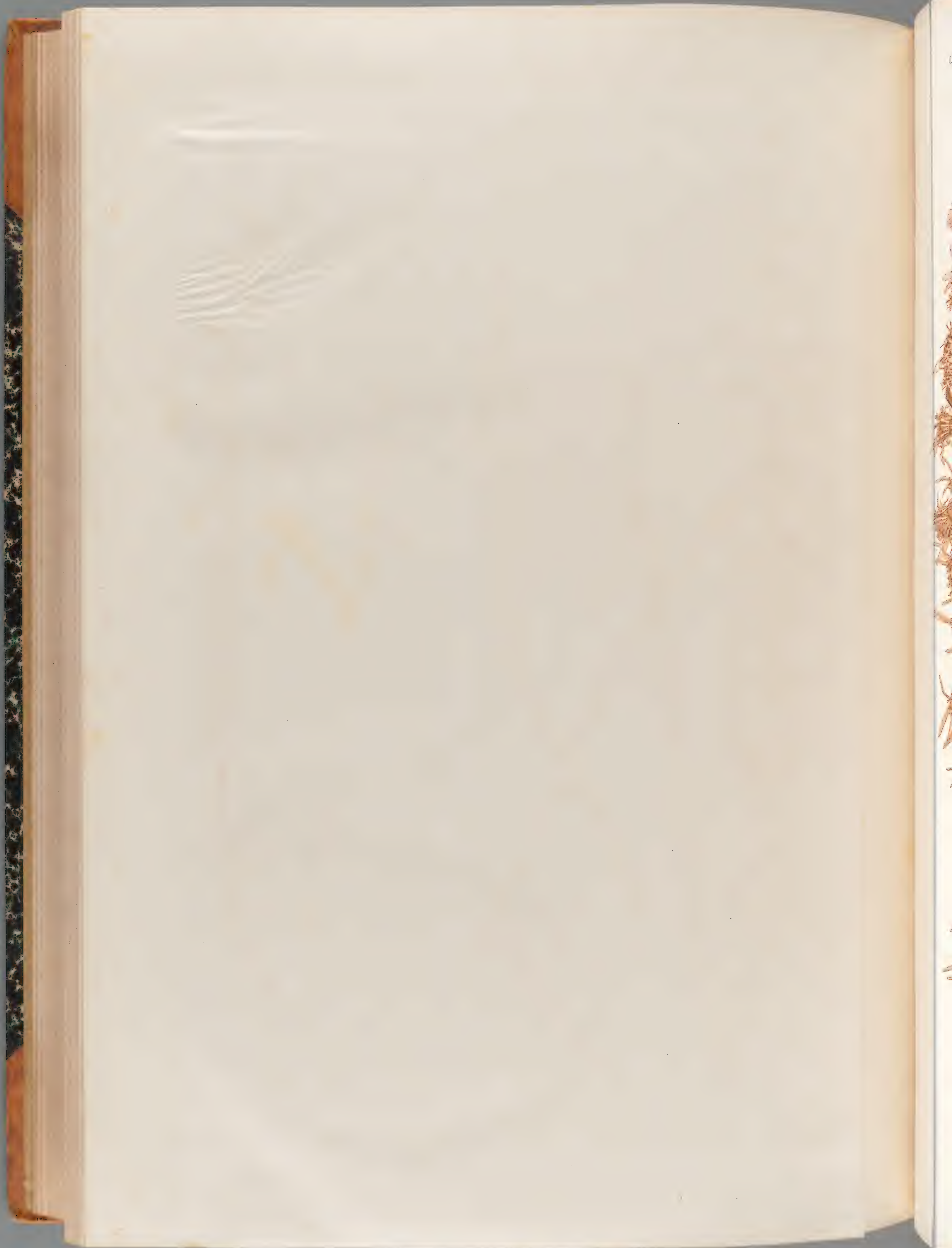






Fig. 1—3. *Ligularia sibirica* Cass.









Fig. 1—3. Senecio vulgaris Linn.









Fig. 1—2. *Senecio rupestris* W. K.









Fig. 1. *Senecio nemorensis* Linn. Fig. 2. Var.  $\delta$ . *Fuchsii* Koch.



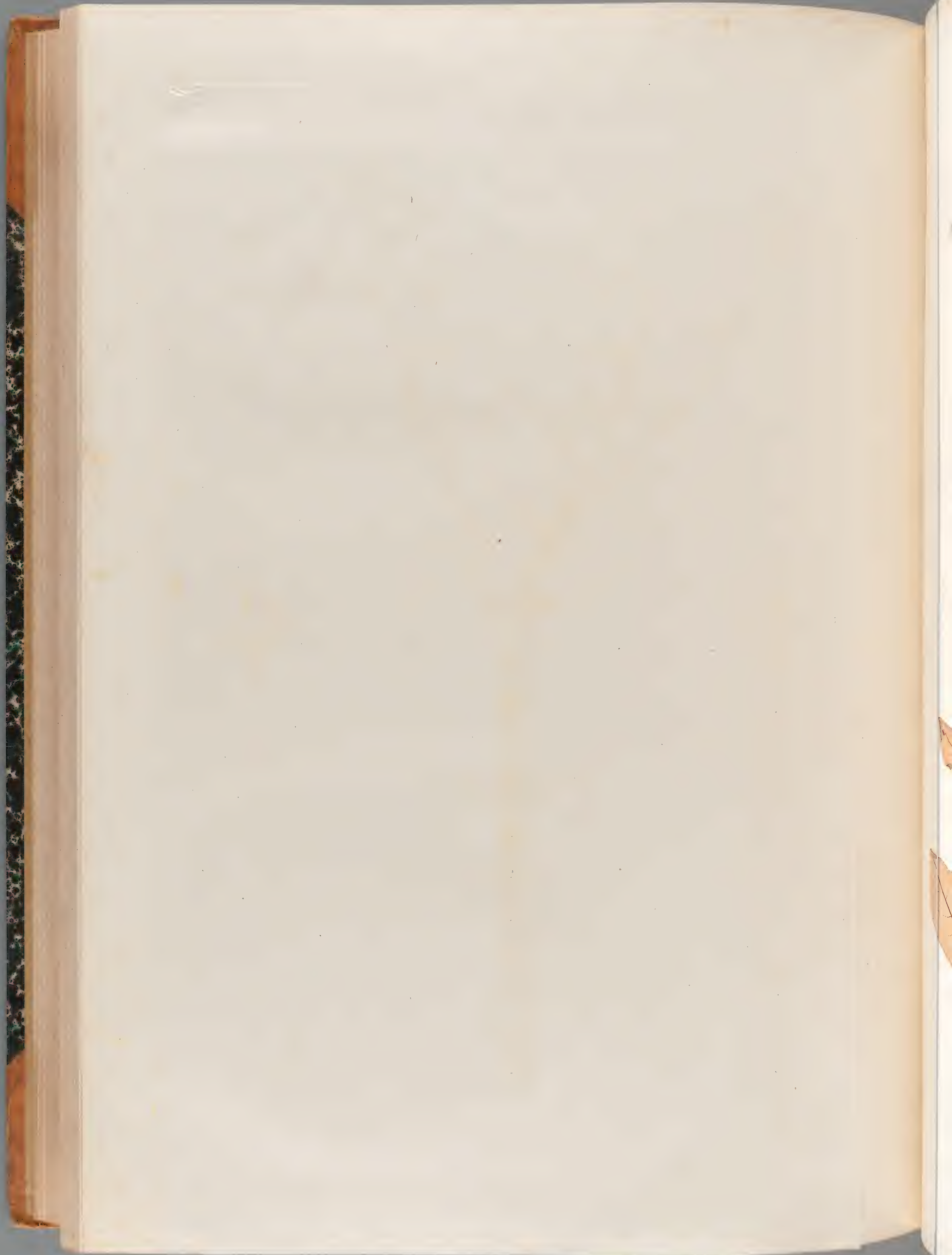






Fig. 1—3. *Centaurea phrygia* Linn.



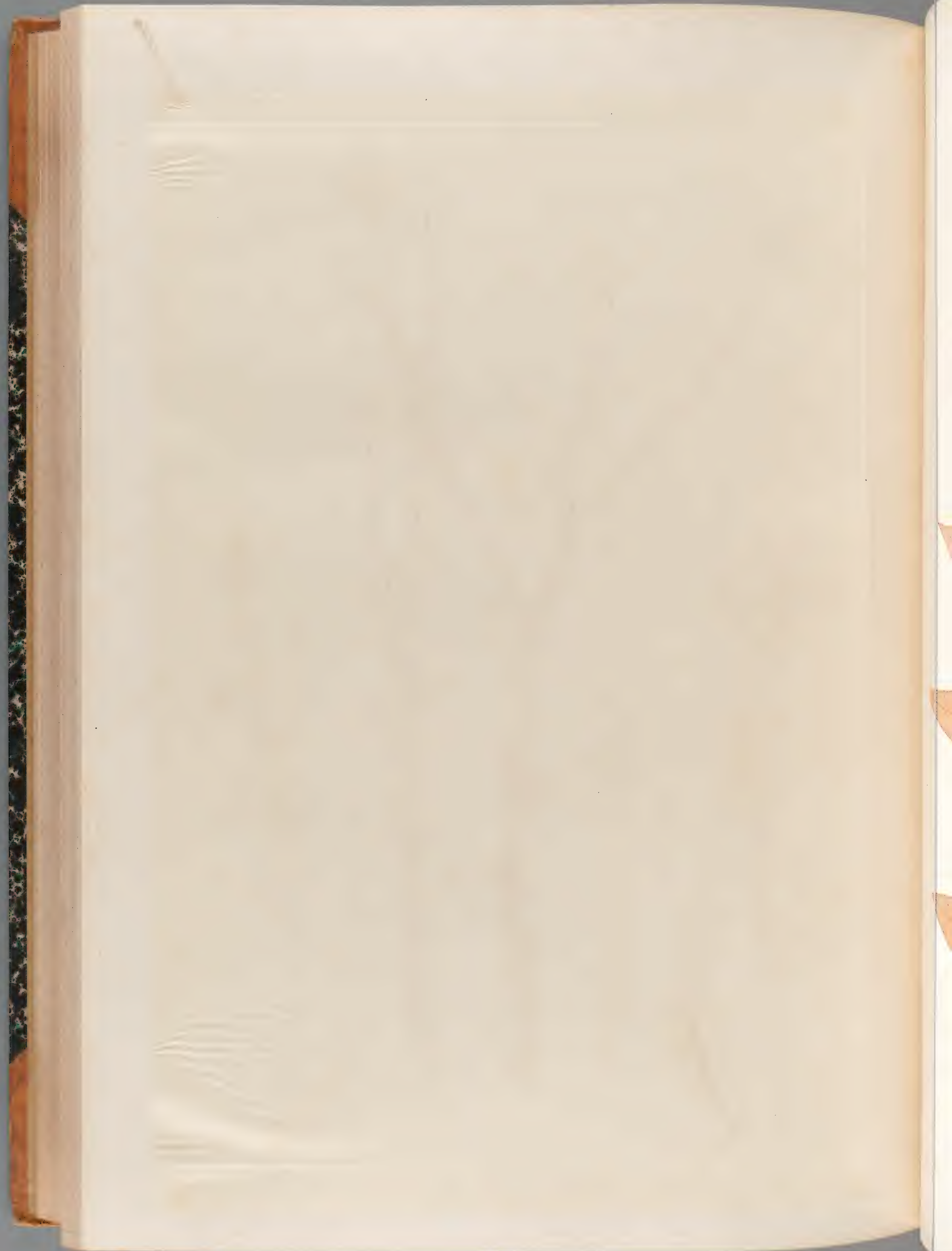






Fig. 1. *Centaurea montana* Linn. Fig. 2. *C. axillaris* Willd.









Fig. 1—3. *Centaurea Cyanus* Linn.









Fig. 1—6. *Centaurea solstitialis* Linn.









Fig. 1—2. *Cirsium lanceolatum* Scop.









Fig. 1-4. *Cirsium canum* M. B.



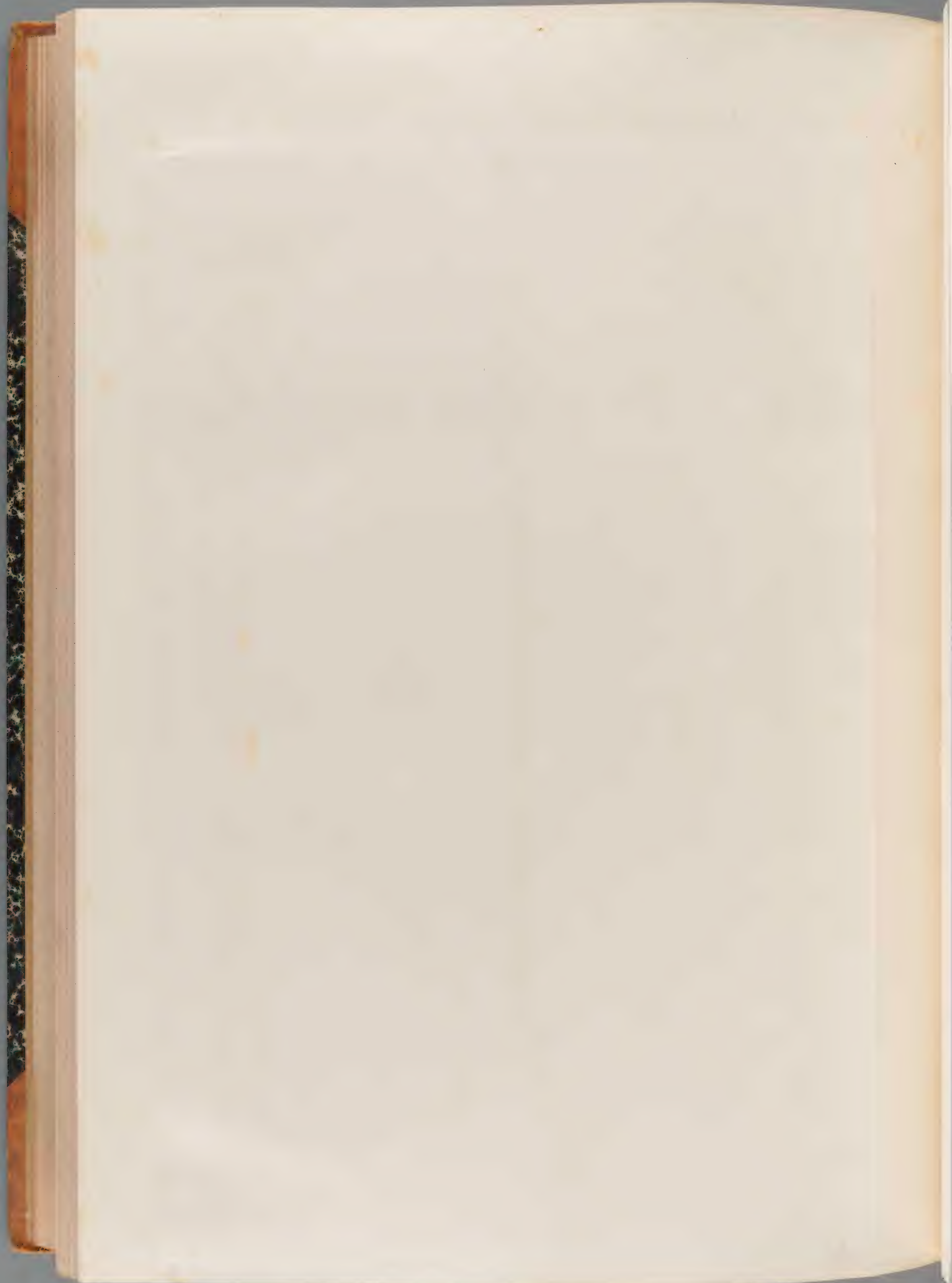






Fig. 1—3. *Cirsium rivulare* Link.









Fig. 1—5. Carduus acanthoides Linn.



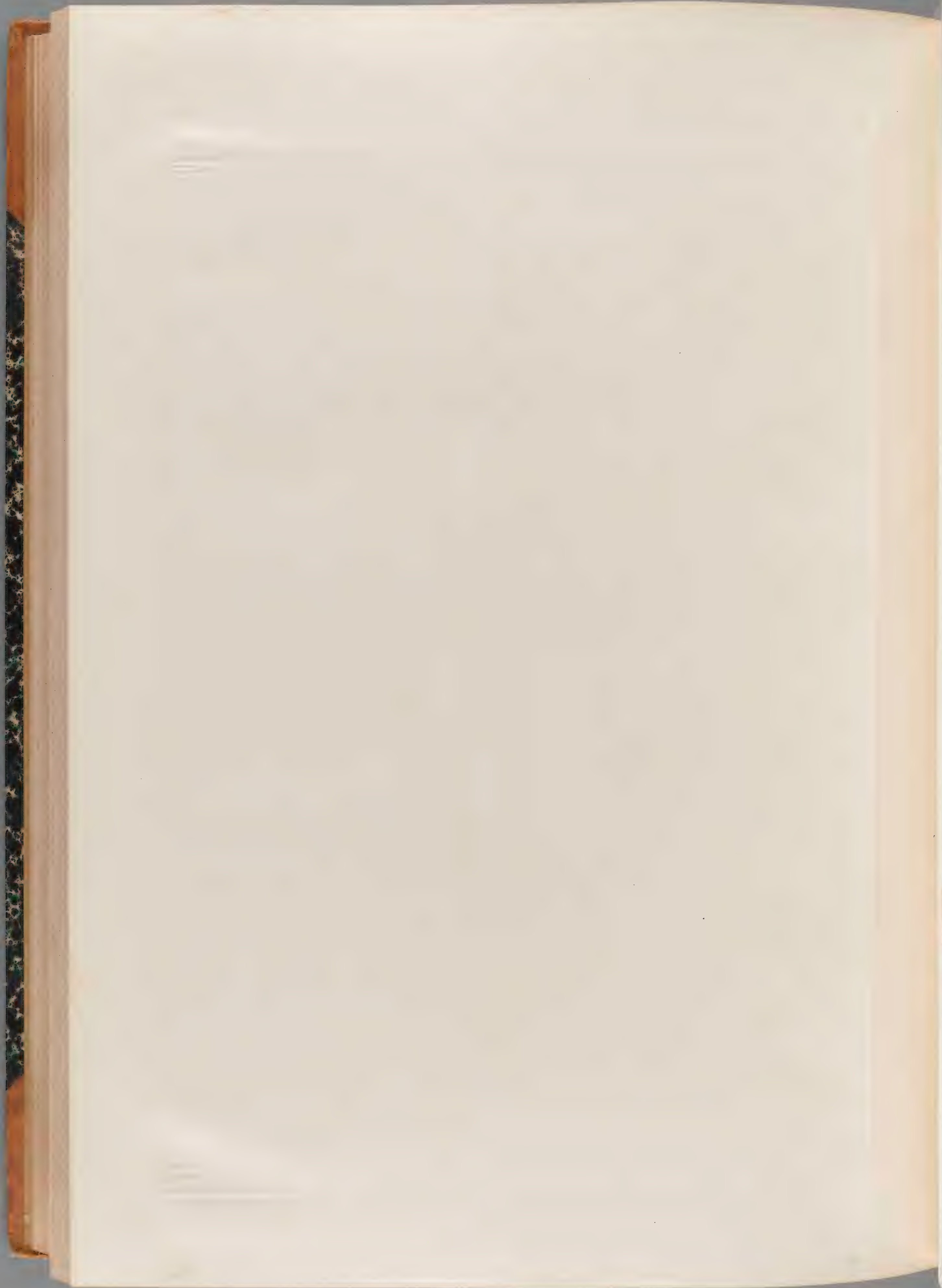






Fig. 1—4. *Carduus Personata* Jacq.



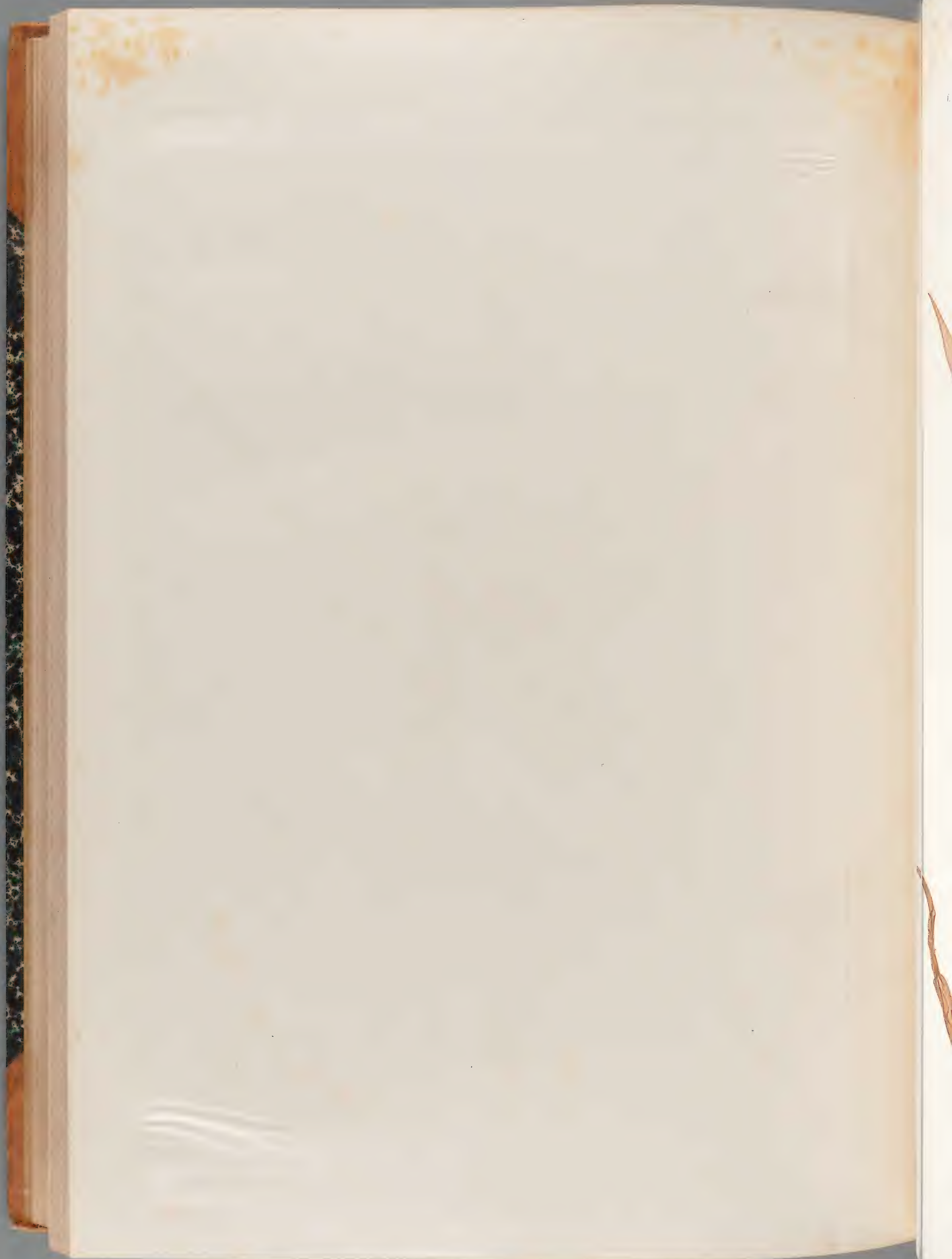






Fig. 1—5. *Scorzonera austriaca* Willd.









Fig. 1—3. *Scorzonera humilis* Linn.









Fig. 1—2. *Lactuca muralis* Don.









Fig. 1—5. *Prenanthes purpurea* Linn.









Fig. 1—2. *Sonchus arvensis* Linn.









Fig. 1—5. *Crepis praemorsa* Tausch.



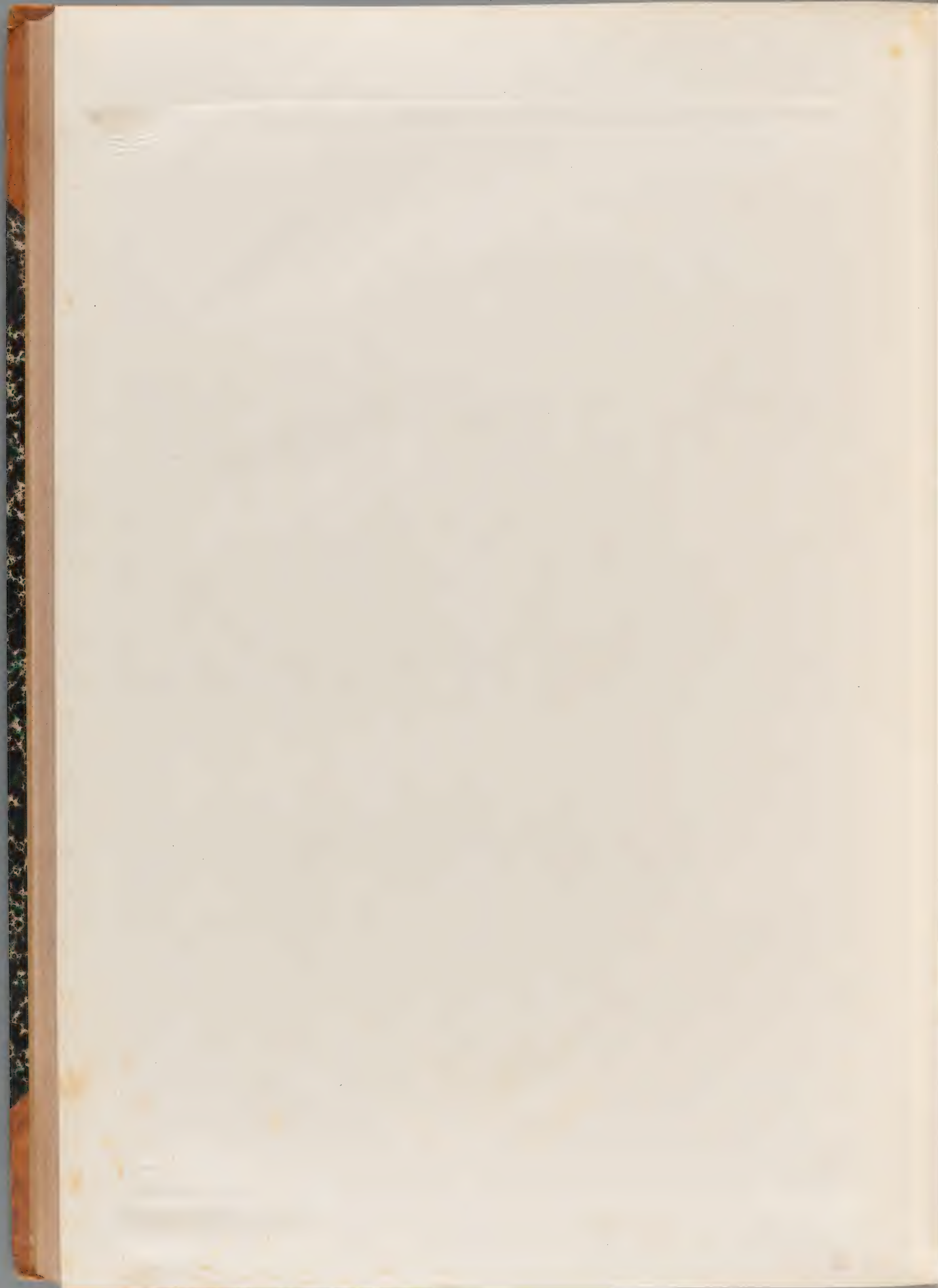






Fig. 1—3. *Crepis alpestris* Tausch.



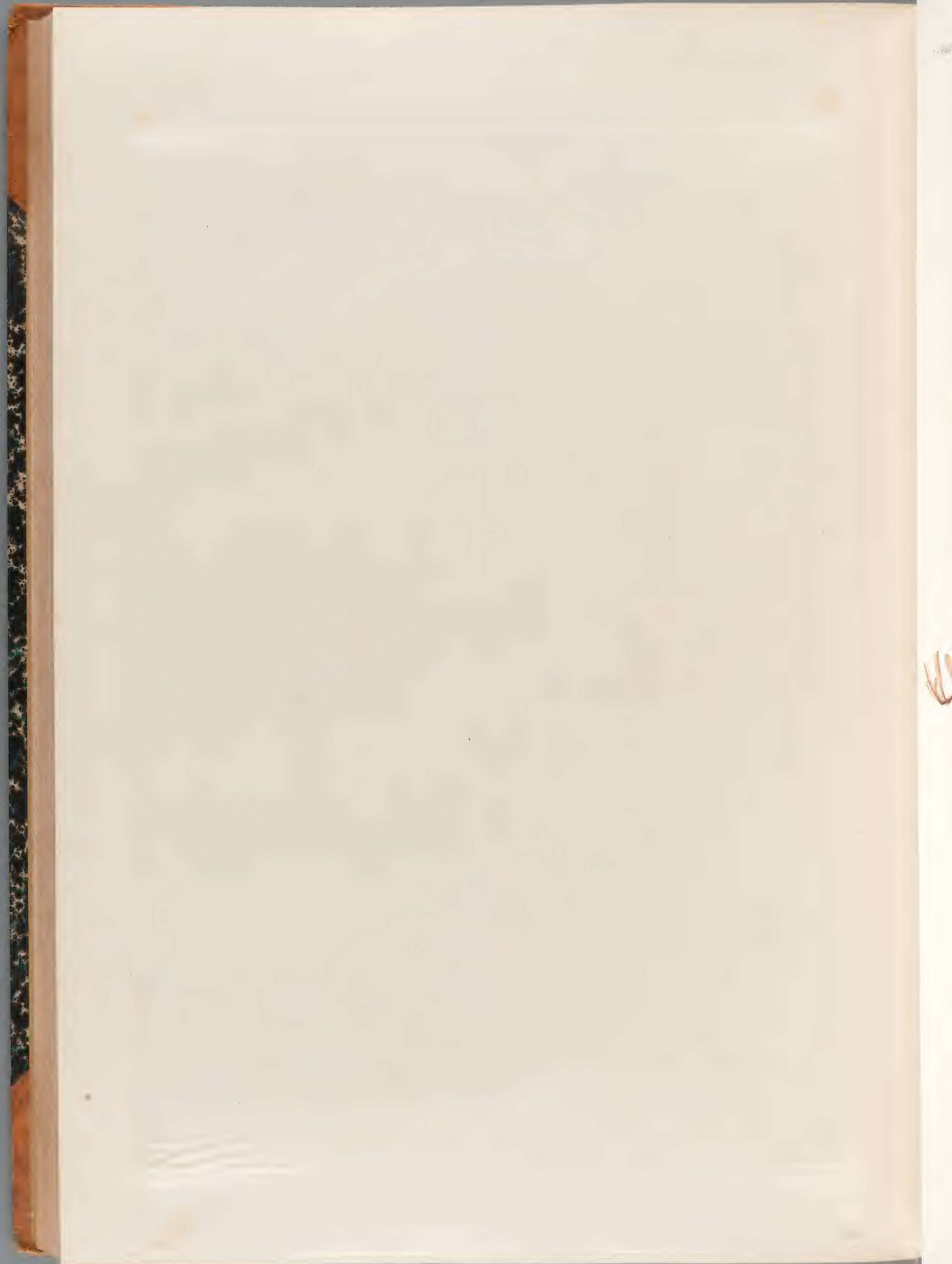






Fig. 1—4. Hieracium Auricula Linn.









Fig. 1—4. *Hieracium chondrilloides* Linn.









Fig. 1—3. Hieracium villosum Linn.



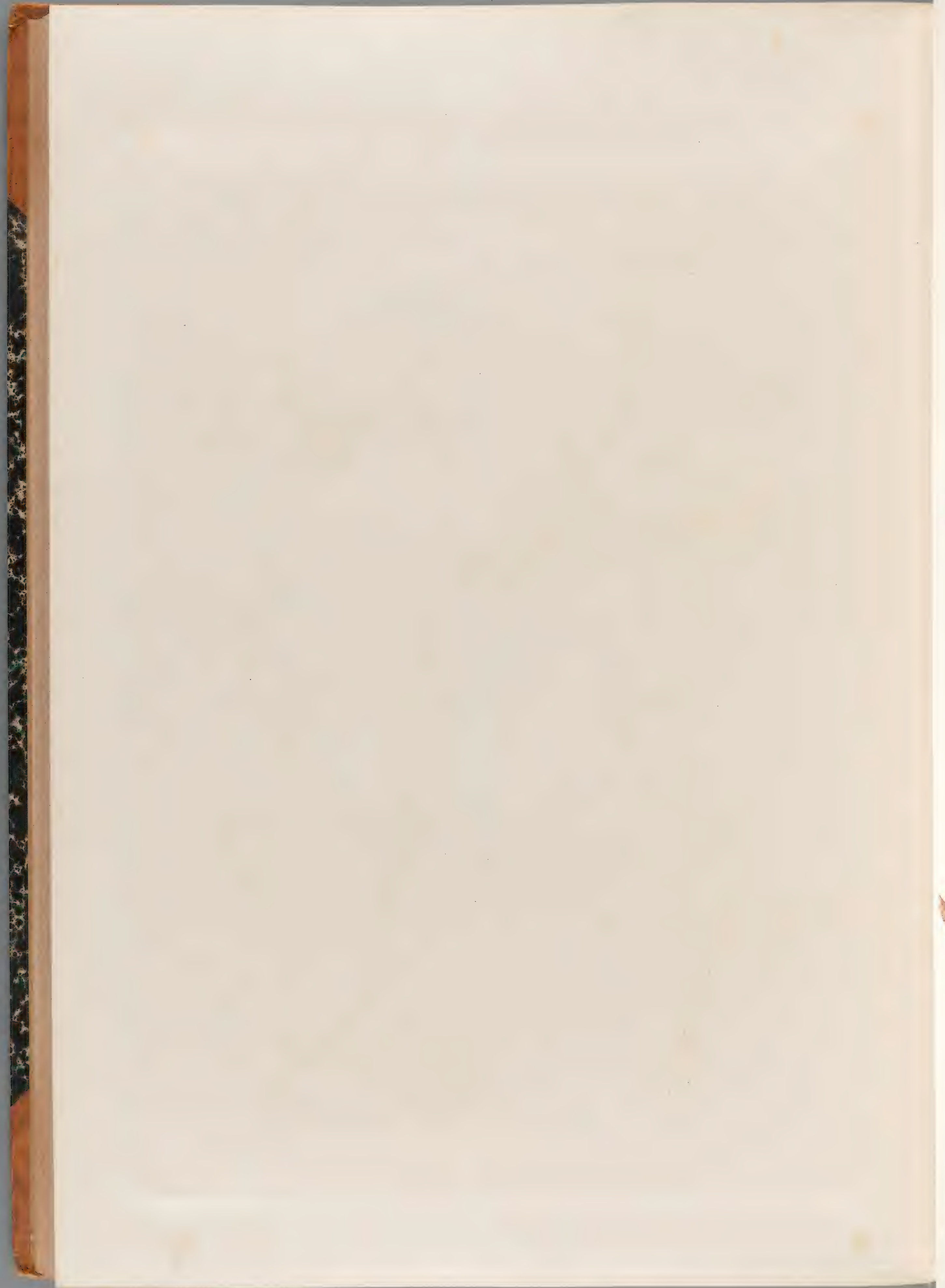






Fig. 1—5. Hieracium Jacquinii Vill.









Fig. 1—3. *Hieracium sabaudum* Linn.









Fig. 1—3. *Phyteuma spicatum* Linn.









Fig. 1—3. *Phyteuma orbiculare* Linn.









*Campanula pusilla* Haenke.









*Campanula Schenckzeri* Vill.









2

Fig. 1—2. *Campanula barbata* Linn.



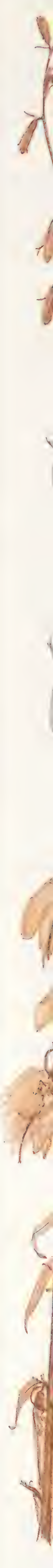
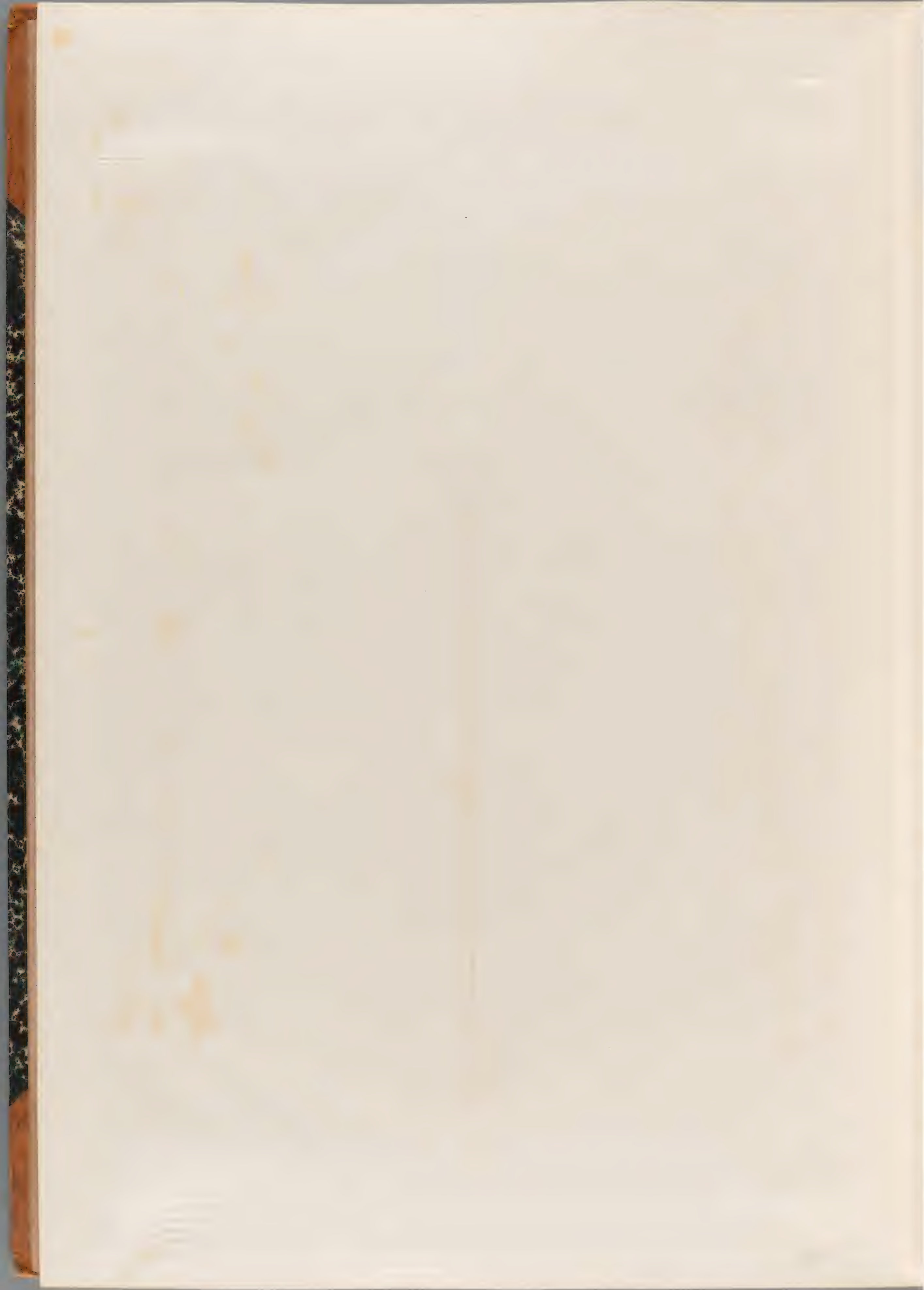






Fig. 1—3. *Campanula bononiensis* Linn.









Fig. 1—2. *Galium rotundifolium* Linn.



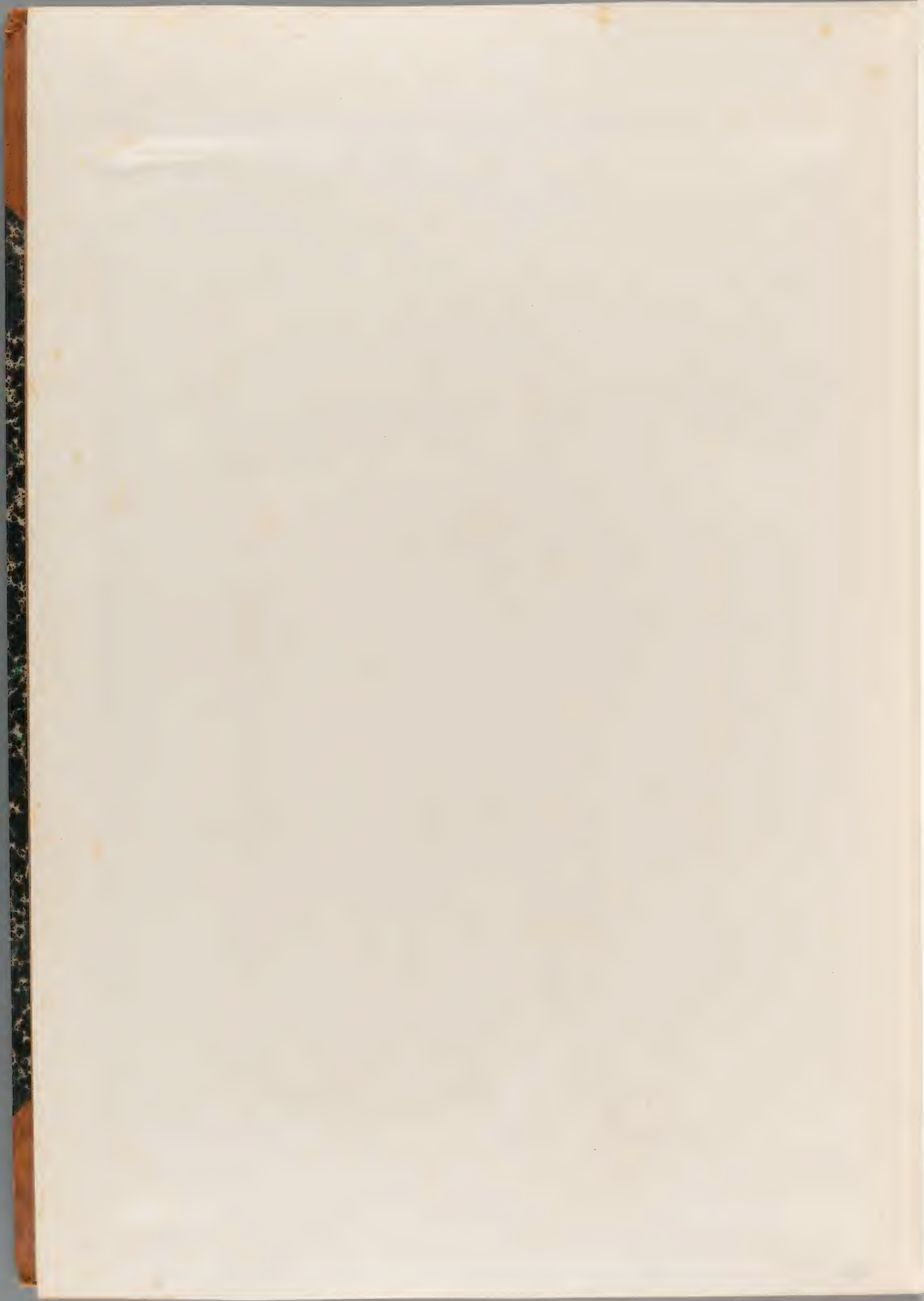






Fig. 1—2. *Galium sylvaticum* Linn.



1.1.10





Fig. 1—3. *Galium verum* Linn.









Fig. 1—3. *Galium Mollugo* Linn.



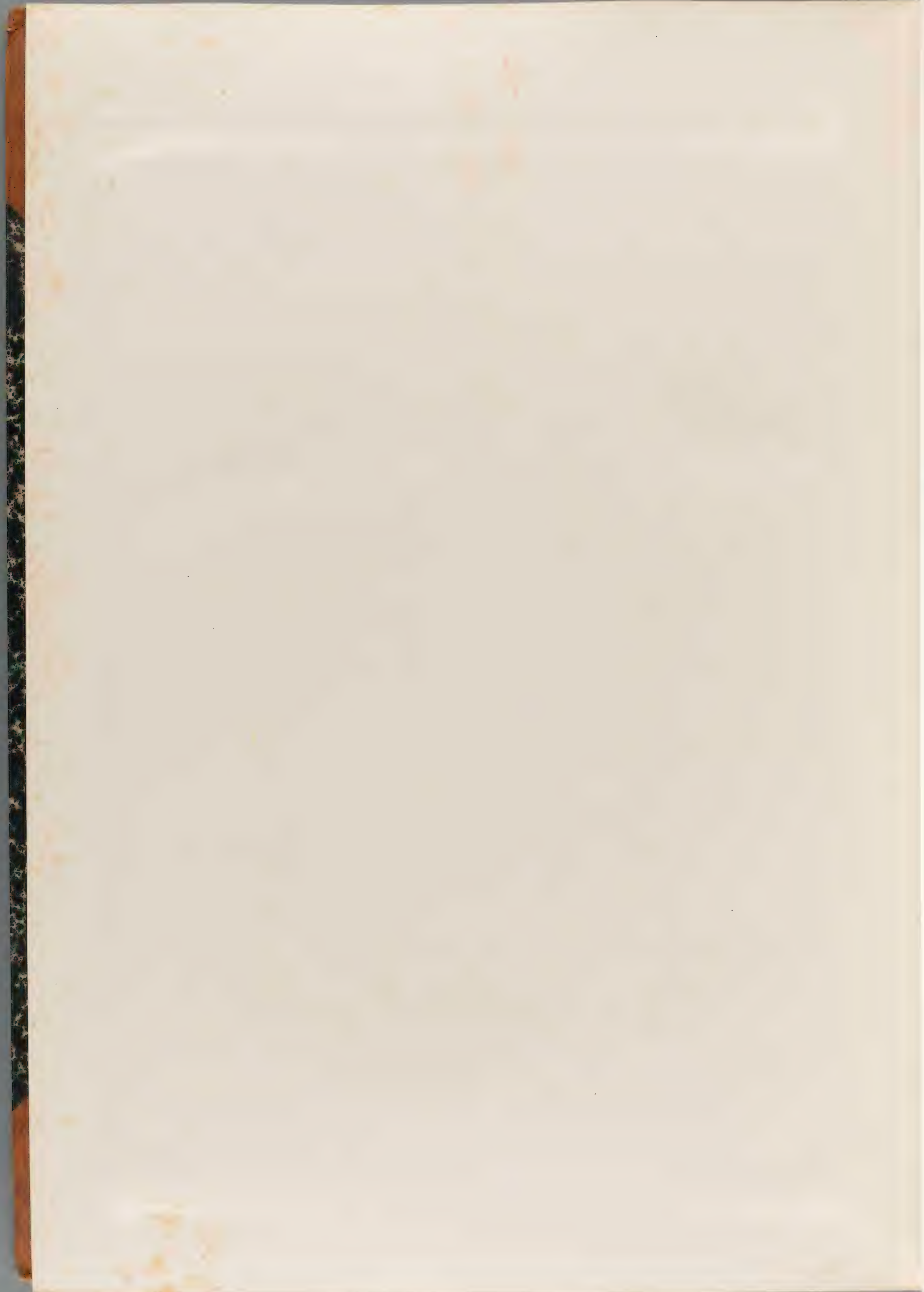






Fig. 1—2. *Asperula taurina* Linn



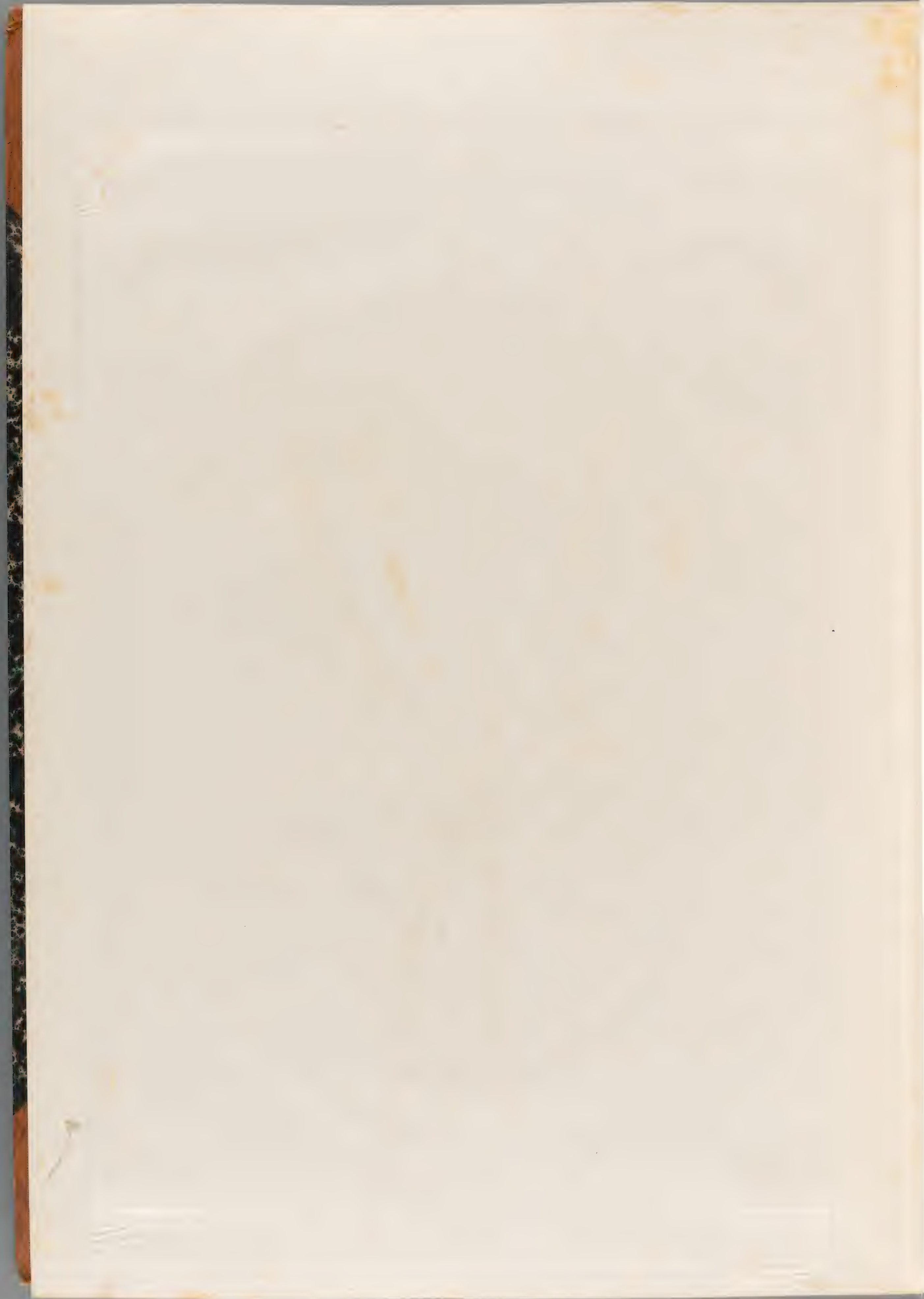






*Lonicera Xylosteum* Linn.









*Lonicera alpigena* Linn.









Fig. 1—2. *Viburnum Lantana* Lian.









*Viburnum Opulus* Linn.









Fig. 1—2. *Sambucus nigra* Linn.









Fig. 1—3. *Linnæa borealis* Linn.









Fig. 1—2. Vinca herbacea W. K.









Fig. 1—5. *Chlora perfoliata* Linn.



